

# UAV TACTICAL CONTROL SYSTEM MISSION PLANNER

## Integration Procedures

CONTRACT NO. N00178-97-C-2029  
CDRL SEQUENCE NO. A002

05 January 1998

Prepared for:

Naval Surface Warfare Center  
Dahlgren Division  
17320 Dahlgren Road  
Dahlgren, VA 22448-5100

Prepared by:

Logicon, Inc.  
222 West Sixth Street  
San Pedro, CA 90733-0471  
(310) 831-0611

# LOGICON

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Appendix I - UAV TCS SRS Capabilities (Bound separately)

## **1.0 INTRODUCTION**

This UAV TCS Mission Planner Integration Procedures document contains site installation and configuration procedures, build procedures, an end-to-end test procedure, a list of tape/cd files, a list of known problems, and a list of limitations for version 0.1. Appendix I shows the software requirements specification capabilities.

## **2.0 UAV TCS MP SITE INSTALLATION AND CONFIGURATION PROCEDURES**

### **2.1 Sun Installation procedures from 4mm tape:**

1. Installation of the mission planning software.

Change directories into the installation directory. By design this should be the \$TCS\_HOME/data/mission\_planning directory. Typically TCS\_HOME is set to /h/TCS.

```
# cd /h/TCS/data/mission_planning
```

Insert the 4mm Sun installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0. Substitute the appropriate tape drive device for your system.

```
# mt -f /dev/rmt/0 rew  
# tar xvf /dev/rmt/0
```

Wait for the files to be extracted from the tape. This can take from 20 to 40 minutes depending on tape drive speed.

The mission planner requires a link to its resource file. This link typically requires root access to be established. Change directories to the /h/data/app-defaults directory and create a soft link if it does not already exist.

```
# cd /h/data/app-defaults  
# ln -s /h/TCS/data/mission_planning/app-  
defaults/Logicon_mp Logicon_mp
```

If the installation is not made with TCS\_HOME set to /h/TCS then the startup script for the mission planner will need to be modified to replace all occurrences of /h/TCS with the appropriate directory. Within the mission\_planning directory the mission planner was installed in this file can be located at bin/gui.

This completes installation of the mission planning software. Additional installation steps may need to be run if required TCS supporting files are not already loaded on the system.

2. Installation of the source code.

Change directories into the installation directory. This should be a directory for use in building the software only. It is not part of the run time environment for the mission planner.

```
# cd <source install directory>
```

Insert the 4mm Sun installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0. Substitute the appropriate tape drive device for your system.

```
# mt -f /dev/rmt/0 rew
# mt -f /dev/rmt/0n fsf
# tar xvf /dev/rmt/0
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

### 3. Installation of the TCS Data Server and test tools.

Change directories into the installation directory. This installation is only required to extract test tools from the tape or to install the TCS Data Server if it is not present for test purposes.

```
# cd <data server install directory>
```

Insert the 4mm Sun installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0. Substitute the appropriate tape drive device for your system.

```
# mt -f /dev/rmt/0 rew
# mt -f /dev/rmt/0n fsf 2
# tar xvf /dev/rmt/0
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

### 4. Installation of the TCS Data Server configuration file and schema.

Change directories into the installation directory. This installation is only required if the data server configuration files are not already present and ready for testing. This directory should be \$TCS\_HOME/data which typically is /h/TCS/data.

```
# cd /h/TCS/data
```

Insert the 4mm Sun installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0. Substitute the appropriate tape drive device for your system.

```
# mt -f /dev/rmt/0 rew
```

```
# mt -f /dev/rmt/0n fsf 3
```

```
# tar xvf /dev/rmt/0
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

## 5. Installation of the TCS Data Server include files and library files.

Change directories into the installation directory. This installation is only required if the data TCS library and include files are not already present and ready for testing. This directory should be \$TCS\_HOME which typically is /h/TCS.

```
# cd /h/TCS
```

Insert the 4mm Sun installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0. Substitute the appropriate tape drive device for your system.

```
# mt -f /dev/rmt/0 rew
```

```
# mt -f /dev/rmt/0n fsf 4
```

```
# tar xvf /dev/rmt/0
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

## 2.2 HP Installation procedures from 4mm tape:

### 1. Installation of the mission planning software.

Change directories into the installation directory. By design this should be the \$TCS\_HOME/data/mission\_planning directory. Typically TCS\_HOME is set to /h/TCS.

```
# cd /h/TCS/data/mission_planning
```

Insert the 4mm HP installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0m. Substitute the appropriate tape drive device for your system.

```
# mt -t /dev/rmt/0m rew
# tar xvf /dev/rmt/0m
```

Wait for the files to be extracted from the tape. This can take from 20 to 40 minutes depending on tape drive speed.

The mission planner requires a link to its resource file. This link typically requires root access to be established. Change directories to the /h/data/app-defaults directory and create a soft link if it does not already exist.

```
# cd /h/data/app-defaults
# ln -s /h/TCS/data/mission_planning/app-
defaults/Logicon_mp Logicon_mp
```

If the installation is not made with TCS\_HOME set to /h/TCS then the startup script for the mission planner will need to be modified to replace all occurrences of /h/TCS with the appropriate directory. Within the mission\_planning directory the mission planner was installed in this file can be located at bin/gui.

This completes installation of the mission planning software. Additional installation steps may need to be run if required TCS supporting files are not already loaded on the system.

## 2. Installation of the source code.

Change directories into the installation directory. This should be a directory for use in building the software only. It is not part of the run time environment for the mission planner.

```
# cd <source install directory>
```

Insert the 4mm HP installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0m. Substitute the appropriate tape drive device for your system.

```
# mt -t /dev/rmt/0m rew
# mt -t /dev/rmt/0mn fsf
# tar xvf /dev/rmt/0m
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

### 3. Installation of the TCS Data Server and test tools.

Change directories into the installation directory. This installation is only required to extract test tools from the tape or to install the TCS Data Server if it is not present for test purposes.

```
# cd <data server install directory>
```

Insert the 4mm HP installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0m. Substitute the appropriate tape drive device for your system.

```
# mt -t /dev/rmt/0m rew
# mt -t /dev/rmt/0mn fsf 2
# tar xvf /dev/rmt/0m
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

### 4. Installation of the TCS Data Server configuration file and schema.

Change directories into the installation directory. This installation is only required if the data server configuration files are not already present and ready for testing. This directory should be \$TCS\_HOME/data which typically is /h/TCS/data.

```
# cd /h/TCS/data
```

Insert the 4mm HP installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0m. Substitute the appropriate tape drive device for your system.

```
# mt -t /dev/rmt/0m rew  
  
# mt -t /dev/rmt/0mn fsf 3  
  
# tar xvf /dev/rmt/0m
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

##### 5. Installation of the TCS Data Server include files and library files.

Change directories into the installation directory. This installation is only required if the data TCS library and include files are not already present and ready for testing. This directory should be \$TCS\_HOME which typically is /h/TCS.

```
# cd /h/TCS
```

Insert the 4mm HP installation tape into the tape drive and wait for the tape drive to complete loading the tape. The light on the drive will flash until the tape is loaded.

Extract the files from the tape. This sample uses tape /dev/rmt/0m. Substitute the appropriate tape drive device for your system.

```
# mt -t /dev/rmt/0m rew  
  
# mt -t /dev/rmt/0mn fsf 4  
  
# tar xvf /dev/rmt/0m
```

Wait for the files to be extracted from the tape. This will take a couple of minutes.

#### 2.3 Sun Installation procedures from CD-ROM:

##### 1. Installation of the mission planning software.

Change directories into the installation directory. By design this should be the \$TCS\_HOME/data/mission\_planning directory. Typically TCS\_HOME is set to /h/TCS.

```
# cd /h/TCS/data/mission_planning
```

Mount the Sun installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -k
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf <CD mount point>/sunfile1.tar
```

Wait for the files to be extracted from the CD. This can take from 20 to 40 minutes depending on CD-ROM drive speed.

The mission planner requires a link to its resource file. This link typically requires root access to be established. Change directories to the /h/data/app-defaults directory and create a soft link if it does not already exist.

```
# cd /h/data/app-defaults
```

```
# ln -s /h/TCS/data/mission_planning/app-
defaults/Logicon_mp Logicon_mp
```

If the installation is not made with TCS\_HOME set to /h/TCS then the startup script for the mission planner will need to be modified to replace all occurrences of /h/TCS with the appropriate directory. Within the mission\_planning directory the mission planner was installed in this file can be located at bin/gui.

This completes installation of the mission planning software. Additional installation steps may need to be run if required TCS supporting files are not already loaded on the system.

## 2. Installation of the source code.

Change directories into the installation directory. This should be a directory for use in building the software only. It is not part of the run time environment for the mission planner.

```
# cd <source install directory>
```

Mount the Sun installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -k
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf <CD mount point>/file2.tar
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

3. Installation of the TCS Data Server and test tools.

Change directories into the installation directory. This installation is only required to extract test tools from the tape or to install the TCS Data Server if it is not present for test purposes.

```
# cd <data server install directory>
```

Mount the Sun installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -k
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf <CD mount point>/sunfile3.tar
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

4. Installation of the TCS Data Server configuration file and schema.

Change directories into the installation directory. This installation is only required if the data server configuration files are not already present and ready for testing. This directory should be \$TCS\_HOME/data which typically is /h/TCS/data.

```
# cd /h/TCS/data
```

Mount the Sun installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -k
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf <CD mount point>/sunfile4.tar
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

#### 5. Installation of the TCS Data Server include files and library files.

Change directories into the installation directory. This installation is only required if the data TCS library and include files are not already present and ready for testing. This directory should be \$TCS\_HOME which typically is /h/TCS.

```
# cd /h/TCS
```

Mount the Sun installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -k
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf <CD mount point>/sunfile5.tar
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

Wait for the files to be extracted from the tape. This will take a couple of minutes.

#### 2.4 HP Installation procedures from CD-ROM:

##### 1. Installation of the mission planning software.

Change directories into the installation directory. By design this should be the \$TCS\_HOME/data/mission\_planning directory. Typically TCS\_HOME is set to /h/TCS.

```
# cd /h/TCS/data/mission_planning
```

Mount the HP installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -kP
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf "<CD mount point>/HPFILE1.TAR;1"
```

Wait for the files to be extracted from the CD. This can take from 20 to 40 minutes depending on CD-ROM drive speed.

The mission planner requires a link to its resource file. This link typically requires root access to be established. Change directories to the /h/data/app-defaults directory and create a soft link if it does not already exist.

```
# cd /h/data/app-defaults  
# ln -s /h/TCS/data/mission_planning/app-  
defaults/Logicon_mp Logicon_mp
```

If the installation is not made with TCS\_HOME set to /h/TCS then the startup script for the mission planner will need to be modified to replace all occurrences of /h/TCS with the appropriate directory. Within the mission\_planning directory the mission planner was installed in this file can be located at bin/gui.

This completes installation of the mission planning software. Additional installation steps may need to be run if required TCS supporting files are not already loaded on the system.

## 2. Installation of the source code.

Change directories into the installation directory. This should be a directory for use in building the software only. It is not part of the run time environment for the mission planner.

```
# cd <source install directory>
```

Mount the HP installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -kP
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf "<CD mount point>/FILE2.TAR;1"
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

3. Installation of the TCS Data Server and test tools.

Change directories into the installation directory. This installation is only required to extract test tools from the tape or to install the TCS Data Server if it is not present for test purposes.

```
# cd <data server install directory>
```

Mount the HP installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -kP
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf "<CD mount point>/HPFILE3.TAR;1"
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

4. Installation of the TCS Data Server configuration file and schema.

Change directories into the installation directory. This installation is only required if the data server configuration files are not already present and ready for testing. This directory should be \$TCS\_HOME/data which typically is /h/TCS/data.

```
# cd /h/TCS/data
```

Mount the HP installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -kP
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf "<CD mount point>/HPFILE4.TAR;1"
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

Configuration scripts installed in this process will need to be updated for site specific information regarding file locations, host names and port number for the data server.

5. Installation of the TCS Data Server include files and library files.

Change directories into the installation directory. This installation is only required if the data TCS library and include files are not already present and ready for testing. This directory should be \$TCS\_HOME which typically is /h/TCS.

```
# cd /h/TCS
```

Mount the HP installation CD-ROM. From within a DII/COE account this can be done using the Chart menu's Mount CD option. Then use the df command to determine the mount point for the CD-ROM.

```
# df -kP
```

Extract the files from the CD-ROM. Substitute the path determined above for <CD mount point>

```
# tar xvf "<CD mount point>/HPFILE5.TAR ; 1"
```

Wait for the files to be extracted from the CD-ROM. This will take a couple of minutes.

Wait for the files to be extracted from the tape. This will take a couple of minutes.

### 3.0 UAV TCS MP BUILD PROCEDURES

The software is built using scripts that compile and link all of the required files. Some customization of these scripts is required to set paths to site specific information. The first step is to unload the source code from the delivery tape or CD-ROM. The source code on the Sun and HP deliveries is identical, so either one can be used. The source code is in the second tar file on the tapes, and in the file file2.tar on the CD-ROMS. See the installation procedures for steps to unload this data into a source directory. The source files should be unloaded into different directories for the HP and Sun compiles. The build scripts build to the same locations, so one build will remove the other build.

The installation will create two sub-directories in the installation directory. One is named “gui”, the other is named “router”. Do not modify the directory structure. The build scripts make use of this directory layout to build files that are shared by the GUI and router programs.

The “gui” directory contains the interactive GUI portion of the mission planner. The scripts provided for building this portion of the mission planner use the GNU gcc compiler to compile and link the application.

The “router” directory contains the background router and report portions of the mission planner. The scripts provided for building this portion of the mission planner use the manufacturer’s compilers for compiling and linking the applications. On the Sun these are the Sun SPARCworks cc and f77 compilers. On the HP these are the HP cc and f77 compilers.

#### 3.1 Building the Sun Code

The following include files are required to build the source code:

```
200 Sep 23 13:56 ansi_decls.h
6278 Sep 23 13:56 ds_admin.h
38758 Sep 23 13:56 ds_api.h
    355 Sep 23 13:56 if_addr.h
29557 Sep 23 13:56 interface.h
    8598 Sep 23 13:56 interface_error.h
18342 Sep 23 13:56 rade.h
```

The following libraries are required to build the source code:

```
2204 Aug 19 13:05 ada_stubs.o
    13 Oct 26 20:18 libDutil.a -> libDutil1.0.a
    14 Oct 26 20:18 libDutil.so -> libDutil1.0.so*
154218 Jul 17 07:41 libDutil1.0.a
157340 Jul 17 07:41 libDutil1.0.so*
    12 Oct 26 20:18 libds.a -> libds3.0.1.a
    13 Oct 26 20:18 libds.so -> libds3.0.1.so*
604258 Aug 25 11:41 libds3.0.1.a
616920 Aug 25 11:41 libds3.0.1.so*
    11 Oct 26 20:18 libgio.a -> libgio1.0.a
    12 Oct 26 20:18 libgio.so -> libgio1.0.so*
226214 Jul 17 07:41 libgio1.0.a
228492 Jul 17 07:41 libgio1.0.so*
    12 Oct 26 20:18 libmisc.a -> libmisch1.0.a
    13 Oct 26 20:18 libmisch.so -> libmisch1.0.so*
```

```
86700 Jul 17 07:40 libmiscal.0.a
93476 Jul 17 07:40 libmiscal.0.so*
 13 Oct 26 20:18 libpcp.a -> libpcp1.1.3.a
 14 Oct 26 20:18 libpcp.so -> libpcp1.1.3.so*
120586 Oct 20 17:16 libpcp1.1.3.a
107428 Oct 20 17:17 libpcp1.1.3.so*
 14 Oct 26 20:18 librade.a -> librade2.0.0.a
 15 Oct 26 20:18 librade.so -> librade2.0.0.so*
259612 Aug 25 11:41 librade2.0.0.a
255132 Aug 25 11:41 librade2.0.0.so*
```

Change directories into the source code directory for the GUI.

```
# cd <source install>/gui/source
```

Edit the Build\_mp\_gui\_Sun\_gcc script to update the locations of files for your site. Then run the build script.

```
# Build_mp_gui_Sun_gcc
```

Change directories into the GUI bin directory and verify that the logicon\_mp program was built.

```
#cd <source install>/gui/bin
```

```
# ls -lat
```

Change directories into the source code directory for the router.

```
# cd <source install>/router/source
```

Edit the Build\_router\_Sun\_f77 script to update the locations for your site. Then run the build script.

```
# Build_router_Sun_f77
```

Change directories into the router bin directory and verify that the cqabarg.out, cqdsrep.out, cquerr.out and cqaeval.out programs were built.

```
# cd <source install>/router/bin
```

```
# ls -lat
```

This completes the building of the application software. These executables will need to be moved to the mission planner's bin directory to be used. The GUI program logicon\_mp is time stamped with the compile time for the startup.c source file. This time stamp appears in the version information on the Help menu.

### 3.2 Building the HP Code

The following include files are required to build the source code:

```
200 Sep 23 13:56 ansi_decls.h
6278 Sep 23 13:56 ds_admin.h
38758 Sep 23 13:56 ds_api.h
 355 Sep 23 13:56 if_addr.h
29557 Sep 23 13:56 interface.h
 8598 Sep 23 13:56 interface_error.h
18342 Sep 23 13:56 rade.h
```

The following libraries are required to build the source code:

```
2280 Aug 19 13:02 ada_stubs.o
    13 Oct 26 19:35 libDutil.a -> libDutil1.0.a
    14 Oct 26 19:35 libDutil.sl -> libDutil1.0.sl*
223600 Jul 21 12:57 libDutil1.0.a
149240 Jul 21 12:57 libDutil1.0.sl*
    12 Oct 26 19:35 libds.a -> libds3.0.1.a
    13 Oct 26 19:35 libds.sl -> libds3.0.1.sl*
556788 Aug 25 11:29 libds3.0.1.a
289612 Aug 25 11:29 libds3.0.1.sl*
    11 Oct 26 19:35 libgio.a -> libgio1.0.a
    12 Oct 26 19:35 libgio.sl -> libgio1.0.sl*
314946 Jul 21 12:59 libgio1.0.a
164348 Jul 21 12:59 libgio1.0.sl*
    12 Oct 26 19:35 libmisc.a -> libmisc1.0.a
    13 Oct 26 19:35 libmisc.sl -> libmisc1.0.sl*
156744 Jul 16 12:25 libmisc1.0.a
133140 Jul 16 12:25 libmisc1.0.sl*
    13 Oct 26 19:35 libpcp.a -> libpcp1.1.3.a
    14 Oct 26 19:35 libpcp.sl -> libpcp1.1.3.sl*
128616 Oct 20 17:20 libpcp1.1.3.a
133964 Oct 20 17:20 libpcp1.1.3.sl*
    14 Oct 26 19:35 librade.a -> librade2.0.0.a
    15 Oct 26 19:35 librade.sl -> librade2.0.0.sl*
233230 Aug 21 06:17 librade2.0.0.a
180772 Aug 21 06:17 librade2.0.0.sl*
```

Change directories into the source code directory for the GUI.

```
# cd <source install>/gui/source
```

Edit the Build\_mp\_gui\_HP\_gcc script to update the locations of files for your site. Then run the build script.

```
# Build_mp_gui_HP_gcc
```

Change directories into the GUI bin directory and verify that the logicon\_mp program was built.

```
#cd <source install>/gui/bin
```

```
# ls -lat
```

Change directories into the source code directory for the router.

```
# cd <source install>/router/source
```

Edit the Build\_router\_HP\_f77 script to update the locations for your site. Then run the build script.

```
# Build_router_HP_f77
```

Change directories into the router bin directory and verify that the cqabarg.out, cqdsrep.out, cquerr.out and cqaeval.out programs were built.

```
# cd <source install>/router/bin
```

```
# ls -lat
```

This completes the building of the application software. These executables will need to be moved to the mission planner's bin directory to be used. The GUI program logicon\_mp is time stamped with the compile time for the startup.c source file. This time stamp appears in the version information on the Help menu.

**4.0 UAV TCS END-TO-END TEST PROCEDURE**

<b>PROCEDURE:</b> UAVATO1	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration
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<b>DATE OF TEST EXECUTION:</b> _____	<b>TEST PHASE</b> <input type="checkbox"/> Dry Run <input type="checkbox"/> Unit Test <input type="checkbox"/> Module Test <input type="checkbox"/> Formal Test <input type="checkbox"/>
<b>START TIME:</b> _____ <b>STOP TIME:</b> _____	
<b>S/W VERSION:</b> _____ <b>H/W VERSION:</b> _____	
<b>TEST ENGINEER:</b> _____	<b>SIGNATURE:</b> _____
<b>CUSTOMER REP:</b> _____	<b>SIGNATURE:</b> _____
	<b>PASS</b> <input type="checkbox"/> <b>FAIL</b> <input type="checkbox"/>

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration	19 March, 1998 Page 20 of 40
<p><b>TEST OBJECTIVE:</b>            This test procedure provides an end-to-end demonstration of the processing of a UAV TCS mission plan. As a simulation of a typical mission planning session, the UAV TCS Mission Planner (Planner) functional capabilities are allocated among the various demonstration test cases. This provides an implicit verification of most all (some criteria, such as unlimited rights, are not software functions to be demonstrated) of the Mission Planning Criteria. However, none of the demonstration test cases are used to directly verify criteria; this is accomplished in separate, focused test procedures.</p> <p><b>TEST APPROACH:</b>            This test procedure is designed to be executed at the Logicon San Pedro development site and the user demonstration site at NSWCDD. Some test steps may not be appropriate for execution at both sites due to possible differences in the computer system configurations. For example, since NIMA data loading is a JMTK capability, it is not part of this demonstration. If the user site does not have NIMA data loaded, any demonstration steps using this data are noted as non-applicable.</p>		

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration	19 March, 1998 Page 21 of 40
<b>TEST DESCRIPTION:</b>		
<p><b>Test Case A</b> demonstrates the graphical environment including viewing threats, targets, ground stations, and keep out regions over NIMA data such as CADRG maps.</p> <p><b>Test Case B</b> demonstrates setting up the mission environment including: editing the target database, editing air vehicle defaults, and setting the mission parameters.</p> <p><b>Test Case C</b> demonstrates creating a new, integrated route with SAR payload, including: creating, moving, inserting, deleting waypoints graphically and alphanumerically, editing waypoints (including different coordinate systems and data entry validation) and segments. Perform Low (LO) Routing. View route data, threat overlays, image data, datalink LOS clearance, edit communications data, and flight and terrain profiles. Enter payload, weather, and communications factors. Exercise Payload control to display the sensor coverage. The air vehicle footprint and the recovery basket overlay are displayed. The mission is saved to disk.</p> <p><b>Test Case D</b> demonstrates adding an emergency return route to the current session. The route is created, saved to disk and then associated to the main mission created in Test Case C.</p> <p><b>Test Case E</b> demonstrates planning of a Electro-Optical (EO) payload mission segment and import of the segment to the SAR mission . An EO segment is created and saved. The SAR route from test case C is selected. The EO segment is imported and connected to the route. The EO segment is replanned and a new target selected. Payload control is exercised to point the payload and display the payload swath. Weather is edited and the payload swath is examined for weather affects. Validity checks are performed. The mission is flight simulated and saved to disk.</p> <p><b>Test Case F</b> demonstrates the route flight plan and route evaluation report capabilities.</p> <p><b>Test Case G</b> demonstrates TCS Data server integration by uploading the route to the UAV . A GFS tool is used to retrieve the upload return message from the data server.</p> <p><b>Test Case H</b> demonstrates in-flight re-planning. The route status is downloaded from the UAV. A selected route point is updated from the download. The route is then modified, saved, and uploaded to the UAV.</p>		

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration	19 March, 1998 Page 22 of 40
<b>UNIQUE TEST PREREQUISITES:</b>		
<b>Hardware:</b>	HP9000, SUN Sparc 20	
<b>Software:</b>	HP UX10.20 operating system, SUN Solaris 2.5.1 operating system, UAV TCS Data Server	
<b>Data Bases:</b>	none	
<b>Inputs:</b>		
<b>Outputs:</b>		
<b>Dependencies:</b>	Data Server running, JMTK running, UAV status download simulator	
<b>Other:</b>		
<b>REFERENCE</b>		
Threat Masks: turn on threats at 10,000 feet altitude.		

**PROCEDURE:**  
UAVAT01

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A session error can be introduced by renaming the autortr file (.../mission planning/control/<av name>) then executing Flight Sim.  
TCS Data Server Integration - Upload UAV

The route consists of five files with a common basename (route name) followed by an extension which identifies the type of file:

<u>File Type</u>	<u>Extension</u>	<u>Description</u>
Action Point	.act	functions to execute prior to/after a waypoint
EO/IR	.eoir	EO/IR payload commands at an action point
Route Descriptor .rd		general information about the route
SAR Plan	.sar	SAR payload commands at an action point
Waypoint	.wp	vehicle direction, speed, altitude

The files are located in directory \$TCS\_HOME/mission\_planning

To determine whether the DS is running: from a DS Host command tool (/usr/dt/bin/dterm &) window enter “ps -ef” and search the resulting listing for “Solaris-ds” and “dsif\_driver”. If the processes exist, DS is running.

The GFS tool to verify receipt of the file message is executed from a DS host window (/h/TCS/server) : from the UNIX prompt, enter “solaris-ds” to start the Data Server (note: the Logicon download simulator, Writer must be executed after starting the data server). When finished with the DS, from the window where the DS was started, enter “Ctrl-C” to kill the DS.

Use another command tool window to issue DS commands: from the UNIX prompt, enter “ds\_client”

1. “create group system”
2. “create upload system”
3. “print upload\_notification” – will have default values until DS message received. After message received will have route values.
4. “subscribe upload\_notification”
5. “print upload\_notification”
6. “quit”

The GFS tool to read the DS route files can be executed from a DS Host command tool window: from the UNIX prompt, enter ‘solaris-plan\_reader’ <filename [rd sar eoir act wpl]> (to read all files at once, enter <filename> “all”). Include filename path or be at filename directory. Each route may have a single associated emergency route. When a route has an associated emergency route, the emergency route is also output as five files with the same format as the normal route.

**REFERENCE Continued**

The status download hot button is identified by a receiver dish and a green snaky arrow pointing from the upper right toward the dish in the lower left. The Logicon download simulator, Writer, creates a mission list object which is required for the download process. The object includes the routes AV type and AV Tail Number (AV ID). The Writer recognizes the Predator and Outrider AV Types and an AV ID of ‘94-001565’

The download data returned from Writer is (/h/TCS/data/mission\_planning/tools/writer):

AV ID (Tail Number)

	<b>94-001565</b>	<b>94-001566</b>
Latitude	40° (north)	32:44 (north)
Longitude	-111° (west)	45:15 (east)
Air Speed	70 mile per hour	100
Ground Speed	60 mile per hour	

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration	19 March, 1998 Page 24 of 40
Heading	270°	301
Altitude	8000 feet	16000
Wind Speed	50 mile per hour	31
Wind Direction	15° (east)	270
Estimated Time of Arrival	December 14 1997 12:06 AM	October 29 1997 14:00 PM
Fuel Remaining	200 pounds	270

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration	19 March, 1998 Page 25 of 40
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#### REVISION RECORD

REVISION	DATE	NAME	DESCRIPTION
1 <sup>st</sup> edition	8 October, 1997	S. Allen	New procedure
2 <sup>nd</sup>	13 October, 1997	S. Allen	Incorporate Review redlines
3 <sup>rd</sup>	20 October, 1997	S. Allen	Incorporate Install Redlines
4 <sup>th</sup>	22 October, 1997	S. Allen	Incorporate Final Build/Formal Test Redlines

PROCEDURE: UAVAT01		TITLE: End-To-End UAV TCS Mission Planning Demonstration				19 March, 1998 Page 26 of 40
Criteria	Test Case	Pass	Fail	Criteria Description		Test Problem Report No.
C-6	C, E			Integrated or separate route and payload planning		
C-7	H			Replan route or payload tasking during all phases of operational mission execution (dynamic retasking)		
MC-9	E			Capable of planning an Electro-Optical/Infrared (EO/IR) mission		
C-9	F			Hard copy route planning data		
MC-10	A, C			Use of Chart (which is part of JMTK for map loading/unloading/manipulation		
C-10	C			Multiple systems of coordinate systems available		
MC-11	G			Integrate with the TCS data server		
C-12	C			Data Entry Validation		
C-13	C			Store/retrieve/delete mission plans .		
C-14	C			Flight profile vs. Terrain profile display (using DTED)		
C-15	C			Datalink coverage overlay - LOS (using DTED)		
C-16	C			Threat area overlay		
C-17	C			Parameter initialization: Environmental parameters		
C-18	B			Parameter initialization: AV/Payload parameters		
C-19	B			Parameter initialization: Mission parameters		
C-20	C			Fuel, distance and time calculations		
C-21	C			Waypoint and flightpath graphical displays		
C-22	C			Waypoint creation/movement/deletion		
C-23	C			Waypoint information; alphanumeric entry of waypoint information:		
C-24	C			Route optimization to minimize the total fuel consumption for a route. Optimization to determine the best route to avoid restricted/threat zones. Optimization to determine the best route to minimize the threat to the AV when it must enter threat zones for mission critical needs (e.g., for data collection). Plan Synthetic Aperture Radar (SAR) missions		
C-25	C			EO/IR Payload control		
C-26	E					

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration				19 March, 1998 Page 27 of 40
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Criteria	Test Case	Pass	Fail	Criteria Description	Test Problem Report No.
C-27	C, E			Payload Pointing Commands	
C-28	C, E			Payload search visual acuity range	
C-29	C, E			Payload FOV swath display	
C-30	D			Waypoint and flight path graphical displays (different colors for emergency)	
C-31	D			Waypoint creation/movement/deletion for emergency route	
C-32	E, G			The planner will perform validation checks	
C-34	C, F			Automatic safeguards to prevent unsafe flight, terrain clearance analysis, fuel consumption calculations, threat exposure analysis, restricted zones.	
C-35	C, E			Mission plan achievability	
C-36	C			Datalink constraints: LOS visibility check	
C-43	B, C			Tailor displays based on selected AV type	
C-44	C			Recovery basket overlay	

PROCEDURE:		TITLE: End-To-End UAV TCS Mission Planning Demonstration		19 March, 1998 Page 28 of 40	
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS		OBSERVED RESULTS	
		P	F	P	F
1.	<b>Test Case Error!</b> Reference source not found. <b>Demonstrates the graphical environment including viewing threats, targets, ground stations, and keep out regions over NIMA data such as CADRG maps</b>				
A.	Log on to the UAV TCS Mission Planning system.				
B.	From the Chart menu, change map colors.				
C.	From the Planner Overlays pull-down menu, execute the Corridors/Regions function. Set the color for Keep Out Zones.	Keep Out Zone areas are displayed in the selected color		Keep Out Zone Color _____	
D.	From the Planner Overlays pull-down menu, execute the Threats function and turn on all threat Ids, rings, and masks.	Threat sites are displayed with identifiers, rings and mask areas.		Altitude _____	
E.	From the Planner Overlays pull-down menu, execute the Targets function. Toggle all by Country and Terrain Masks. Note: may have to zoom in to see the Target Identifiers.	Target symbols with identifiers are displayed.			
F.	From the Planner Edit pull-down menu, execute the Edit GDT function to add a ground station.	The new ground station is displayed.			

PROCEDURE:	TITLE:	19 March, 1998 Page 29 of 40	
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS	OBSERVED RESULTS
			P F
G.	From the Planner Tools pull-down menu, execute the Generate Masks function for GDTs.	The Terrain Mask Processing dialog is displayed, showing the mask generation status.	
H.	From the Planner Overlays pull-down menu, execute the Ground Stations function to turn on All GDTs with Terrain Masking.	Ground stations are displayed with masks indicating the LOS coverage.	
II.	<b>Test Case II demonstrates setting up the mission environment including: editing the target database, editing air vehicle defaults, and setting the mission parameters</b>		
A.	From the Planner Edit pull-down menu, execute the Edit Target function. Add a target, save it and then modify it using the Edit Target dialog.	The new target contains modified values.	Target ID _____
B.	From the Planner Tools pull-down menu, execute the Edit Air Vehicle function. Create a new Predator air vehicle.	An additional Predator air vehicle exists.	AV Name _____
C.	From the Planner File pull-down menu, execute the New Route function. Select a launch location and a landing airbase.	The takeoff and landing points with a dashed connecting line are displayed.	Airbase _____

<b>PROCEDURE:</b> UAVAT01	<b>TITLE:</b> End-To-End UAV TCS Mission Planning Demonstration	19 March, 1998 Page 30 of 40
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS
D.	Modify the default mission parameters by making changes to the Edit Mission Parameters dialog.	Route Name _____ Payload <u>NONE</u> _____ Takeoff Fuel _____
III.	<b>Test Case III demonstrates creating a new, integrated route with SAR payload.</b>	
A.	Use the Tools pull-down menu, Find Targets Zoom function to designate a target area.	Crosshair symbol is displayed over the selected target. Target ID _____

PROCEDURE:		TITLE:		19 March, 1998													
UAVAT01		End-To-End UAV TCS Mission Planning Demonstration		Page 31 of 40													
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS		OBSERVED RESULTS													
B.	<p>From the Planner Edit pull-down menu, build a non-payload route which traverses threat areas and approaches the designated target. Perform low observable routing (accept the default values) and correct fatal (AV won't fly/can't be recovered) errors. Use the Report functions to identify errors.</p> <table> <tr> <td>Insert Points</td> <td>Loiter</td> </tr> <tr> <td>Delete Points</td> <td>GDT</td> </tr> <tr> <td>Edit Points</td> <td>Measuring Units</td> </tr> <tr> <td>Move Points</td> <td>Session Report</td> </tr> <tr> <td>Comm Plan</td> <td>Error Report</td> </tr> <tr> <td colspan="2">No Datalink Coverage</td></tr> </table>	Insert Points	Loiter	Delete Points	GDT	Edit Points	Measuring Units	Move Points	Session Report	Comm Plan	Error Report	No Datalink Coverage		<p>Active route of various colored circles and solid connecting lines approaches target area and returns to landing location.</p>			
Insert Points	Loiter																
Delete Points	GDT																
Edit Points	Measuring Units																
Move Points	Session Report																
Comm Plan	Error Report																
No Datalink Coverage																	
C.	<p>Use the Planner tools to verify route integrity, correct any fatal errors.</p> <table> <tr> <td>FVR</td> <td>Clearance</td> </tr> <tr> <td>Flight Profile</td> <td>Validity Checks</td> </tr> <tr> <td>Recovery Basket</td> <td>Route Data (fuel)</td> </tr> <tr> <td colspan="2">Threat Exposure</td></tr> </table>	FVR	Clearance	Flight Profile	Validity Checks	Recovery Basket	Route Data (fuel)	Threat Exposure		<p>Route tools do not report any fatal errors.</p>							
FVR	Clearance																
Flight Profile	Validity Checks																
Recovery Basket	Route Data (fuel)																
Threat Exposure																	

PROCEDURE:		TITLE:		19 March, 1998	
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STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS		OBSERVED RESULTS	
				P	F
D.	From the Planner File pull-down menu, Save the route.	Route exists as file on disk with route name as filename.			
E.	From the Planner File pull-down menu, Save the route with a different name. Delete the route just saved.	Route Save As name does not appear on the Route File List after deleting.  Save As Filename _____			
F.	From the Planner File pull-down menu, Close the route.	The route is no longer displayed.			
G.	From the Planner File pull-down menu, Open the route.	The route is displayed.			
H.	From the Tools pull-down menu, Select Footprints. Set up the parameters for the air vehicle footprint then Attach the footprint and fly the route.	The air vehicle footprint (AV symbol and "flower") follows the route and changes size corresponding to the vehicle's altitude and the threat exposure.			
I.	Edit the mission parameters and set the payload to SAR.				

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STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS		OBSERVED RESULTS	
		P	F	P	F
J.	Edit the waypoint at the target area and make it a SAR image point. Edit the Imgae Pt. tab to create the SAR strip.  Turn on the Sensor Envelope for Full Coverage.	The target area is covered by the SAR image mask.			
K.	From the Information pull-down menu, execute the Image Data function to view the image data.	Imaging Data dialog is displayed with target information.			
L.	From the Tools pull-down menu, execute Select Sensors and turn on Automatic Coverage.				
M.	Select the point which begins the SAR image leg. From the Tools pull-down menu, attach the footprint to the route to display the payload coverage.	The route is displayed with the animated SAR footprint arcs. The footprint is turned "off" after the last image point.			
N.	Save the route to disk.				
IV.	<b>This Test Case demonstrates adding an emergency return route to the current session</b>				

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STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS		OBSERVED RESULTS	
		P	F	P	F
A.	From the File pull-down menu, execute New Route to build an emergency route.  Select the start and end waypoints. On the Edit Mission Parameters dialog, “turn off” payload buttons and “turn on” the Emergency Route button.	Emergency Route button on the Edit Mission Parameters dialog is depressed.  Two points of the emergency route are displayed with the emergency route symbols.		Emergency Route Name _____	
B.	Edit the emergency route, Flight Simulate and correct any fatal errors.  Save the route.				
C.	From the File pull-down menu, execute Select Route and make the common route (from Test Case III) active.	Common route displayed in the active route colors, emergency route displayed in the inactive color.			
D.	From the Edit pull-down menu, execute Set Emergency Route to associate the emergency route from step B to the common route.	The Select Emergency Route dialog is displayed with a scrolled list of emergency routes.   Note: there is no visual evidence that the emergency route is associated to the common route. The route file saved on disk can be examined to verify that it contains the emergency route filename.			

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UAVAT01	End-To-End UAV TCS Mission Planning Demonstration	Page 35 of 40	
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS	OBSERVED RESULTS
			P F
V.	<b>This Test Case demonstrates planning of a Electro-Optical (EO) payload mission segment and import of the segment to the SAR mission</b>		
A.	<p>From the File pull-down menu, execute New Route to build an EO payload route.</p> <p>Select the start and end waypoints.</p> <p>On the Edit Mission Parameters dialog, "turn off" the SAR button and "turn on" the Skyball (EO/I/R payload) button.</p>	<p>Skyball button on the Edit Mission Parameters dialog is depressed.</p> <p>Two points of the EO route are displayed with the active route symbols.</p>	EO Route Name _____
B.	Edit the route to create an EO image leg. Flight simulate and correct any fatal errors.	Route is displayed with target symbol and dashed connecting line from target to beginning EO image point.	
C.	Select begin and end segment points.		Segment Name _____
	From the File pull-down menu, execute the Export Segment function to save the route EO route as a segment.		
D.	Close the EO route.	The EO route is no longer displayed.	

PROCEDURE:		TITLE:	
UAVAT01		End-To-End UAV TCS Mission Planning Demonstration	
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS	OBSERVED RESULTS
E.	Select as active the SAR route from Test Case III. Edit the Mission Parameters and set the payload for SAR and EO/IR.  Select a point to insert the EO route.		
F.	From the File pull-down menu, execute the Import Segment function to load the EO route and connect it to the SAR route.	The EO segment is displayed in the active route colors and connected to the SAR route at the point selected in the previous step.	
G.	Edit the route to create an IR image leg. Flight simulate and correct any fatal errors.	Route is displayed with target symbol and dashed connecting line from target to beginning IR image point.	
H.	Select the first image point. From the Tools pull-down menu, execute Attach Footprint.	The circular sensor coverage (footprint) is displayed, centered on the image point.	
I.	Adjust the footprint speed control to animate the footprint.	The footprint moves through the route, changing to the appropriate shape as a different payload type is encountered.  The EO/IR footprints contain a wedge (pie) shape which changes color as the sensor field of view (FOV) encompasses the target.	

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STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS	OBSERVED RESULTS P F
J.	<p>Detach the footprint.</p> <p>Edit the IR and EO image points Weather tab and change the values at the vehicle altitude to diminish the payload capability. Note: The SAR footprint is not affected by weather.</p> <p>Attach the footprint.</p>	The EO/IR footprints/FOV change shape due to the changed weather.	
K.	<p>From the Tools pull-down menu, execute the Display FOV Swath function.</p>	The route is displayed with a series of overlapping FOV wedges for each IR/EO image leg.	
L.	<p>Flight simulate, validate, and correct any fatal errors.</p> <p>Save the mission.</p>		
VI.	<b>This Test Case demonstrates the route flight plan and route evaluation report capabilities</b>		
A.	Using the mission from the previous Test Case, execute the Evaluation Report function.	The Evaluation report describes the threats encountered in the mission.	

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STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS	OBSERVED RESULTS
			P    F
B.	Using the mission from the previous Test Case, execute the Sortie Report function.  Examine the screen report for consistency with the route structure.  Print the report to hard copy. Examine the hard copy for consistency with the route structure.	The Flight Plan dialog and hard copy show the route as it was built.	
VII.	<b>This Test Case demonstrates TCS Data server integration by uploading the route to the UAV</b>		
A.	Verify that the Data Server and DS Client processes are running - see the reference section.  Note: The Logicon writer.exe download simulator must be executed after the data server is running to create a mission list.		
B.	From the Tools pull-down menu, execute the Upload Route to UAV function to output the active route.	The Validity Checks dialog is displayed.	
C.	Accept the Validity checks.	The Successful Upload message dialog is displayed	

PROCEDURE:		TITLE:		19 March, 1998		
UAVAT01		End-To-End UAV TCS Mission Planning Demonstration		Page 39 of 40		
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS		OBSERVED RESULTS		
D.	Examine the output of the GFS DS Client tool (see reference) and verify receipt of the upload.	Tool output shows the route name and route information for the route uploaded.				
VIII.	<b>This Test Case demonstrates in-flight re-planning</b>					
A.	Verify that the data server and UAV download simulator are running (see Reference)					
B.	Select the last waypoint in the route and record selected data.	Pt # _____ Lat _____ Lon _____ ACC Time _____				
C.	Select a waypoint on the route used in the previous Test Case to attach the downloaded status.  Record selected data from the point (this data will be replaced by the download).	Pt # _____ Lat _____ Lon _____ ACC Time _____				

PROCEDURE:		TITLE:	
UAVAT01		End-To-End UAV TCS Mission Planning Demonstration	
STEP	STIMULUS/DESCRIPTION	EXPECTED RESULTS	OBSERVED RESULTS
D.	From the Tools pull-down menu, execute the Select Download UAV Status function or use the hot button (see Reference).	The route points prior to the point selected in the previous step are no longer displayed.	
E.	Generate a Flight Plan report and examine the waypoint data.	The flight plan shows only the points from the download status through to the landing point. The first point contains the data from the UAV download and the last point contains the original data.	
F.	Modify the route to address a new target. Simulate, Validate and save the route.	The modified route is saved to disk with no fatal errors.	
G.	From the Tools menu, Upload the route.	The Successful Upload message dialog is displayed.	

## 5.0 LIST OF TAPE/CD FILES

All contents of the 4mm tapes and CD-ROMS are unclassified.

The 4mm tapes contain 5 tar files. The Sun and HP tapes are arranged the same. They contain the same contents except that the binary files are system specific. For example, the ASCII text based files are the same, binary files such as executables and libraries have the same name, but are binary specific to the hardware platform.

The first tar file on the tapes contains the complete installation for a running version of the mission planner. The top level directory structure contained in this tar file is as follows:

```
app-defaults/  
bin/  
compdted/  
control/  
fpdb/  
mask/  
missions/  
segments/  
template/  
thdb/  
tieup/  
wind/
```

The executables directory bin/ contains the executables as they were built and tested in San Pedro.

The compressed DTED directory compdted/ contains a world wide compressed DTED database.

The control files directory control/ contains baseline aircraft performance data for the predator and outrider.

The footprint databases in the fpdb/ directory represent a constant RCS for a 1 meter square target for predator and a .25 meter square target for outrider.

The mask directory mask/ contains terrain masks for all the threats, and targets on the delivery tape.

The missions directory missions/ contains some sample missions.

The segments directory segments/ contains some sample segments.

The template directory template/ contains control information for the mission planner.

The threat directory thdb/ contains a threat scenario with a few threats in the US and a more complete threat scenario in Iraq.

The tieup directory tieup/ contains the target and ground data terminal files as well as other data files.

The wind directory wind/ contains the wind data file.

The second tar file contains the source code. The top level directory structure contained in this tar file is as follows:

```
gui/  
router/
```

The third tar file contains the TCS data server and test tools and scripts for use while testing with the data server. This tar file only contains files.

The fourth tar file contains configuration information for the TCS data server and directories with for use with the test tools in the third data file. The top level directory structure contained in this tar file is as follows:

```
11/  
12/  
21/  
22/  
system/  
mpcs.config
```

The fifth tar file contains the TCS include files and library files used in the construction of the mission planner. The top level directory structure contained in this tar file is as follows:

```
lib/  
include/
```

The CD-ROM contents are arranged in the same order. For the Sun CD-ROM the files are named as follows:

```
sunfile1.tar  
file2.tar  
sunfile3.tar  
sunfile4.tar  
sunfile5.tar
```

For the HP CD-ROM the files are named as follows:

```
hpfile1.tar  
file2.tar  
hpfile3.tar  
hpfile4.tar  
hpfile5.tar
```

The CD-ROMs are ISO 9660 CD-ROMS. The Sun represents the names of the file as they appear on the CD-ROM. The HP represents the names of the files in all upper case and appends a “;1” to the end.

The contents of the CD-ROM tar files are identical to the contents of the tape tar files, so their contents will not be duplicated in this document.

## Sun 4mm Tape Contents

First tar file:

```
drwxr-xr-x 0/1 0 Oct 23 23:13 1997 app-defaults/
-r--r--- 1000/100 12034 Oct 22 17:54 1997 app-defaults/Logicon_mp
drwxr-xr-x 0/1 0 Oct 26 14:18 1997 bin/
-rwxr-xr-x 0/1 661 Oct 26 14:17 1997 bin/gui
-rwxr-xr-x 1000/100 1223616 Oct 26 14:11 1997 bin/cqabarg.out
-rwxr-xr-x 1000/100 1785404 Oct 26 14:11 1997 bin/cqaeval.out
-rwxr-xr-x 1000/100 1748768 Oct 26 14:11 1997 bin/cqdsrep.out
-rwxr-xr-x 1000/100 1340064 Oct 26 14:11 1997 bin/cquerr.out
-rwxr-xr-x 1000/100 4603408 Oct 26 14:09 1997 bin/logicon_mp
dr-xr-xr-x 1000/100 0 Oct 26 15:53 1997 compdted/
-r--r--- 1000/100 3 Sep 5 15:11 1997 compdted/compression_ratio
-r--r--- 1000/100 254892 Sep 5 15:11 1997 compdted/dtdres
dr-xr-xr-x 1000/100 0 Sep 5 15:11 1997 compdted/w091/
-r--r--- 1000/100 29282 Sep 5 15:11 1997 compdted/w091/n30.dt1
compdted contents edited due to excessive size
-r--r--- 1000/100 29282 Sep 5 15:20 1997 compdted/e000/n28.dt1
-rxr-xr-x 1000/100 16043 Sep 5 15:20 1997 compdted/dtedcat.txt
drwxrwxrwx 1000/100 0 Oct 26 16:09 1997 control/
dr-xr-xr-x 1000/100 0 Oct 23 13:36 1997 control/outrider/
-r--r--- 1010/100 515422 Oct 17 09:28 1997 control/outrider/acchar
-r--r--- 1000/100 15257 Sep 5 15:48 1997 control/outrider/acwpn
-r--r--- 1000/100 105588 Sep 5 15:48 1997 control/outrider/airbden
-r--r--- 1000/100 5843 Oct 6 14:47 1997 control/outrider/autortr
-r--r--- 1000/100 2687 Sep 5 15:48 1997 control/outrider/badefdat
-r--r--- 1000/100 2030 Sep 5 15:48 1997 control/outrider/gats
-r--r--- 1000/100 1444 Sep 5 15:48 1997 control/outrider/grdef
-r--r--- 1000/100 560 Sep 5 15:48 1997 control/outrider/radarmt
-r--r--- 1000/100 15038 Sep 5 15:48 1997 control/outrider/radarpe
-r--r--- 1000/100 1820 Sep 5 15:48 1997 control/outrider/radarps
-r--r--- 1000/100 4009 Sep 5 15:48 1997 control/outrider/tmdefdat
-r--r--- 1000/100 4169 Sep 5 15:48 1997 control/outrider/tsdefdat
dr-xr-xr-x 1000/100 0 Oct 23 13:40 1997 control/predator/
-r--r--- 1010/100 544822 Oct 15 09:33 1997 control/predator/acchar
-r--r--- 1000/100 15257 Sep 5 15:48 1997 control/predator/acwpn
-r--r--- 1000/100 105588 Sep 5 15:48 1997 control/predator/airbden
-r--r--- 1000/100 5843 Oct 6 14:47 1997 control/predator/autortr
-r--r--- 1000/100 2687 Sep 5 15:48 1997 control/predator/badefdat
-r--r--- 1000/100 2030 Sep 5 15:48 1997 control/predator/gats
-r--r--- 1000/100 1444 Sep 5 15:48 1997 control/predator/grdef
-r--r--- 1000/100 560 Sep 5 15:48 1997 control/predator/radarmt
-r--r--- 1000/100 15038 Sep 5 15:48 1997 control/predator/radarpe
-r--r--- 1000/100 1820 Sep 5 15:49 1997 control/predator/radarps
-r--r--- 1000/100 4009 Sep 5 15:49 1997 control/predator/tmdefdat
-r--r--- 1000/100 4169 Sep 5 15:49 1997 control/predator/tsdefdat
drwxr-xr-x 1000/100 0 Oct 26 16:10 1997 fpdb/
drwxr-xr-x 1000/100 0 Oct 23 20:37 1997 fpdb/outrider/
-rw-r--- 1000/100 456 Oct 23 18:03 1997 fpdb/outrider/altitude
-rw-r--- 1000/100 2660 Oct 23 18:03 1997 fpdb/outrider/banktbl
-rw-r--- 1000/100 491000 Oct 23 19:53 1997 fpdb/outrider/gcfpcont
```

-rw-r--r-- 1000/100 11061 Oct 23 18:03 1997 fpdb/outrider/pitch  
-rw-r--r-- 1000/100 111327 Oct 23 18:03 1997 fpdb/outrider/radcap  
-rw-r--r-- 1000/100 579152 Oct 23 18:03 1997 fpdb/outrider/radparm  
-rw-r--r-- 1000/100 543637 Oct 23 18:06 1997 fpdb/outrider/rcs  
-rw-r--r-- 1000/100 7770 Oct 23 18:03 1997 fpdb/outrider/samfly  
-rw-r--r-- 1000/100 107335 Oct 23 18:03 1997 fpdb/outrider/sampk  
-rw-r--r-- 1000/100 688140 Oct 23 19:53 1997 fpdb/outrider/tfpcont  
-rw-r--r-- 1000/100 235117 Oct 23 19:53 1997 fpdb/outrider/thrtradi  
drwxr-xr-x 1000/100 0 Oct 23 20:37 1997 fpdb/predator/  
-rw-r--r-- 1000/100 456 Oct 23 15:05 1997 fpdb/predator/altitude  
-rw-r--r-- 1000/100 2660 Oct 23 15:05 1997 fpdb/predator/banktbl  
-rw-r--r-- 1000/100 702968 Oct 23 20:09 1997 fpdb/predator/gcfpcont  
-rw-r--r-- 1000/100 11061 Oct 23 15:05 1997 fpdb/predator/pitch  
-rw-r--r-- 1000/100 111327 Oct 23 15:05 1997 fpdb/predator/radcap  
-rw-r--r-- 1000/100 579152 Oct 23 15:05 1997 fpdb/predator/radparm  
-rw-r--r-- 1000/100 543637 Oct 23 15:06 1997 fpdb/predator/rcs  
-rw-r--r-- 1000/100 7770 Oct 23 20:32 1997 fpdb/predator/samfly  
-rw-r--r-- 1000/100 107335 Oct 23 15:06 1997 fpdb/predator/sampk  
-rw-r--r-- 1000/100 960780 Oct 23 20:09 1997 fpdb/predator/tfpcont  
-rw-r--r-- 1000/100 235117 Oct 23 20:09 1997 fpdb/predator/thrtradi  
drwxrwxrwx 1000/100 0 Oct 26 16:33 1997 mask/  
-rw-rw-rw- 1000/100 1188 Sep 5 15:46 1997 mask/mask.dat  
drwxrwxrwx 1000/100 0 Sep 5 15:46 1997 mask/w100/  
drwxrwxrwx 1000/100 0 Sep 5 15:46 1997 mask/w100/n40/  
-rw-rw-rw- 1000/100 482423 Sep 5 15:46 1997 mask/w100/n40/n47.033w090.867

mask contents edited due to excessive size

drwxrwxrwx 1016/100 0 Oct 22 10:17 1997 mask/w190/  
drwxrwxrwx 1016/100 0 Oct 24 19:43 1997 mask/w190/s10/  
-rw-rw-rw- 1000/100 482423 Oct 24 19:43 1997 mask/w190/s10/s91.000w181.000  
drwxrwxrwx 1000/100 0 Oct 26 16:21 1997 missions/  
-rw-rw-rw- 1503/35 9361 Oct 20 09:59 1997 missions/FILEOPS\_SAVEAS  
-rw-rw-rw- 1503/35 9361 Oct 20 10:02 1997 missions/FILEOPS\_TEMP  
-rw-rw-rw- 1000/100 55149 Sep 25 17:29 1997 missions/IPRMission1  
-rw-rw-rw- 1501/35 96039 Oct 23 23:35 1997 missions/IRAQ1  
-rw-rw-rw- 1503/35 106977 Oct 26 15:45 1997 missions/IraqCS  
-rw-rw-rw- 1000/100 48233 Sep 25 17:29 1997 missions/Mis2  
-rw-rw-rw- 1000/100 25019 Oct 8 20:45 1997 missions/Nevada  
-rw-rw-rw- 1503/35 10359 Oct 10 11:50 1997 missions/Perfaids  
-rw-rw-rw- 1503/35 7795 Oct 21 10:05 1997 missions/REPORTS\_MSN01  
-rw-rw-rw- 1503/35 31686 Oct 21 10:05 1997 missions/REPORTS\_MSN02  
-rw-rw-rw- 1503/35 9361 Oct 20 09:54 1997 missions/TEST\_FILEOPS\_1020  
-rw-rw-r- 1503/35 9361 Oct 20 09:56 1997 missions/TEST\_FILEOPS\_1020.b4  
-rw-rw-rw- 1501/35 10359 Oct 20 09:44 1997 missions/TEST\_PERFAIDS\_MSN1  
-rw-rw-rw- 1503/35 8509 Oct 21 15:34 1997 missions/TEST\_ROUTOPT\_MSN  
-rw-rw-rw- 1012/100 14059 Oct 17 14:51 1997 missions/TEST\_ROUTOPT\_MSN1  
-rw-rw-rw- 1503/35 14059 Oct 21 13:42 1997 missions/TEST\_ROUTVAL\_MSN1  
-rw-rw-rw- 1007/100 13605 Oct 13 09:27 1997 missions/TEST\_RPLNINIT\_MSN1  
-rw-rw-rw- 1503/35 12209 Oct 22 16:03 1997 missions/TEST\_RPLNINIT\_MSN2  
-rw-rw-rw- 1007/100 5661 Oct 10 09:04 1997 missions/TEST\_TCSDSIO\_ER1  
-rw-rw-rw- 1007/100 9591 Oct 13 10:48 1997 missions/TEST\_TCSDSIO\_MSN1  
-rw-rw-rw- 1007/100 13605 Oct 10 09:15 1997 missions/TEST\_TCSDSIO\_MSN2  
-rw-rw-rw- 1501/35 6659 Oct 22 12:12 1997 missions/UAVAT01\_EMERG

-rw-rw-rw- 1501/35 7741 Oct 21 19:22 1997 missions/UVAT01\_EO  
-rw-rw-rw- 1503/35 198700 Oct 24 23:14 1997 missions/UVAT01\_IRAQ1  
-rw-rw-rw- 1503/35 28397 Oct 24 22:12 1997 missions/UVAT01\_IRAQ\_EMERG  
-rw-rw-rw- 1503/35 9875 Oct 24 22:36 1997 missions/UVAT01\_IRAQ\_EO  
-rw-rw-rw- 1503/35 55875 Oct 22 13:46 1997 missions/UVAT01\_MSN01  
-rw-rw-rw- 1503/35 23309 Oct 24 17:29 1997 missions/UVAT01\_MSN01B  
-rw-rw-rw- 1501/35 77018 Oct 22 12:15 1997 missions/UVAT01\_MSN02  
-rw-rw-rw- 1503/35 87897 Oct 22 13:44 1997 missions/crktest  
-rw-rw-rw- 1503/35 10927 Oct 22 16:18 1997 missions/crktstrln  
-rw-rw-r-- 1503/35 68839 Oct 23 18:38 1997 missions/glandroute  
-rw-rw-rw- 1503/35 8509 Oct 25 15:05 1997 missions/glenniraqoutrider  
-rw-rw-rw- 1503/35 12523 Oct 25 15:16 1997 missions/glennpred  
-rw-rw-rw- 1503/35 27051 Oct 25 13:40 1997 missions/glennthreat  
-rw-rw-rw- 1501/35 6943 Oct 26 15:11 1997 missions/gysemergency  
-rw-rw-rw- 1503/35 14059 Oct 14 10:43 1997 missions/routval  
-rw-rw-rw- 1503/35 29303 Oct 17 12:20 1997 missions/sba000  
-rw-rw-rw- 1503/35 28221 Oct 8 17:04 1997 missions/sbasar  
-rw-rw-rw- 1501/35 7741 Oct 26 15:15 1997 missions/uavat01eo  
-rw-rw-rw- 1501/35 75200 Oct 26 15:28 1997 missions/uavat01glenn  
-rw-rw-rw- 1503/35 7741 Oct 26 13:35 1997 missions/uavat01glenneoir  
drwxrwxrwx 1000/100 0 Oct 26 16:30 1997 segments/  
-rw-rw-rw- 1503/35 9361 Oct 20 11:14 1997 segments/FILEOPS\_SEGMENT567890  
-rw-rw-rw- 1501/35 15314 Oct 21 14:20 1997 segments/PAYSEG  
-rw-rw-rw- 1007/100 12790 Oct 3 10:31 1997 segments/SBA\_Export1  
-rw-rw-rw- 1501/35 27009 Oct 21 13:56 1997 segments/RTESEG  
-rw-rw-rw- 1501/35 7741 Oct 21 19:31 1997 segments/UVAT01\_EOSEG  
-rw-rw-rw- 1503/35 9875 Oct 24 22:38 1997 segments/UVAT01\_IRAQSEG  
-rw-rw-rw- 1503/35 7741 Oct 26 13:34 1997 segments/glenneoseg  
-rw-rw-rw- 1005/100 4809 Oct 15 14:39 1997 segments/glennseg  
-rw-rw-rw- 1503/35 2959 Oct 23 19:07 1997 segments/hope  
-rw-rw-rw- 1503/35 5315 Oct 23 19:09 1997 segments/hope2  
-rw-rw-rw- 1503/35 13188 Oct 8 17:03 1997 segments/sbaeo  
-rw-rw-rw- 1007/100 5904 Oct 17 16:30 1997 segments/tempeoseg  
-rw-rw-rw- 1501/35 7741 Oct 26 15:15 1997 segments/uavat01seg  
drwxrwxr-x 1000/100 0 Oct 26 16:12 1997 template/  
-rw-r--- 1000/100 477 Sep 5 15:52 1997 template/ASCARDS  
-rw-r--- 1000/100 464 Sep 5 15:52 1997 template/DB\_DESCRIPTION  
-rw-r--- 1000/100 226 Sep 5 15:52 1997 template/PLAN\_OPS\_DEFAULT  
-rw-r--- 1000/100 2001 Sep 5 15:52 1997 template/WID\_TEMPLATE  
-rw-r--- 1000/100 88576 Oct 6 14:43 1997 template/errmsg  
-r---r--- 1000/100 605 Oct 6 15:09 1997 template/namlst  
drwxr-xr-x 1000/100 0 Oct 26 16:12 1997 thdb/  
drwxr-xr-x 1000/100 0 Oct 23 22:36 1997 thdb/uav/  
-rw-r--- 1000/1 64356 Oct 23 14:44 1997 thdb/uav/thrtdata  
-rw-r--- 1000/100 58126 Sep 5 15:50 1997 thdb/uav/thrtnmnm  
drwxr-xr-x 1000/100 0 Oct 9 18:41 1997 tieup/  
drwxrwxrwx 1000/100 0 Oct 26 16:29 1997 tieup/uav/  
-rw-r--- 1000/100 630 Sep 5 15:51 1997 tieup/uav/ep  
-rw-r--- 1000/100 486 Sep 5 15:51 1997 tieup/uav/psb  
-rw-r--- 1000/100 1989815 Sep 6 08:37 1997 tieup/uav/airbase  
-rw-rw-rw- 1001/100 16856 Oct 26 09:10 1997 tieup/uav/targets  
-rw-rw-rw- 0/1 3716 Oct 25 20:55 1997 tieup/uav/gdts

```
-rw-r--r-- 1000/100 15257 Oct  9 18:40 1997 tieup/uav/acwpn
-rw-r--r-- 1000/100  7251 Oct  9 18:40 1997 tieup/uav/graphics
-rw-r--r-- 1000/100 20007 Oct  9 18:40 1997 tieup/uav/keepout
-rw-r--r-- 1000/100 1330 Oct 23 14:29 1997 tieup/uav/sensor
drwxr-xr-x 1000/100     0 Sep  5 15:52 1997 wind/
drwxr-xr-x 1000/100     0 Sep  5 15:52 1997 wind/climo1/
-rw-r--r-- 1000/10011636352 Sep  5 15:52 1997 wind/climo1/winddata
```

Second tar file:

```
drwxr-xr-x 1000/100     0 Oct 26 13:27 1997 gui/
drwxr-xr-x 1000/100     0 Oct 26 13:23 1997 gui/source/
-r--r--r-- 1000/100  3556 Oct 25 20:24 1997 gui/source/bases.c
-r--r--r-- 1000/100  6440 Oct 25 20:24 1997 gui/source/backgrounds.c
-r--r--r-- 1000/100  3771 Oct 25 20:24 1997 gui/source/b2mainshellMain.c
-r--r--r-- 1000/1002562950 Oct 25 20:24 1997 gui/source/b2mainshell.c
-r--r--r-- 1000/100  64340 Oct 25 20:24 1997 gui/source/ascent_rings.c
-r--r--r-- 1000/100  6100 Oct 25 20:24 1997 gui/source/check_rov.c
-r--r--r-- 1000/100  33852 Oct 25 20:24 1997 gui/source/equidistant.c
-r--r--r-- 1000/100  60170 Oct 25 20:24 1997 gui/source/batch_router.c
-r--r--r-- 1000/100 127441 Oct 25 20:24 1997 gui/source/targets.c
-r--r--r-- 1000/100  33843 Oct 25 20:24 1997 gui/source/clobber.c
-r--r--r-- 1000/100  29851 Oct 25 20:24 1997 gui/source/color.c
-r--r--r-- 1000/100  62363 Oct 25 20:24 1997 gui/source/compress_dted.c
-r--r--r-- 1000/100  66468 Oct 25 20:24 1997 gui/source/control_time.c
-r--r--r-- 1000/100  25628 Oct 25 20:24 1997 gui/source/convert_latlon.c
-r--r--r-- 1000/100  11023 Oct 25 20:24 1997 gui/source/corridor.c
-r--r--r-- 1000/100 104450 Oct 25 20:24 1997 gui/source/delete.c
-r--r--r-- 1000/100  21403 Oct 25 20:24 1997 gui/source/craft_perf.c
-r--r--r-- 1000/100  8733 Oct 25 20:24 1997 gui/source/message.c
-r--r--r-- 1000/100 297995 Oct 25 20:23 1997 gui/source/B2IradCBs.c
-r--r--r-- 1000/100 115701 Oct 25 20:24 1997 gui/source/menu_active.c
-r--r--r-- 1000/100  30350 Oct 25 20:24 1997 gui/source/mod_ver_cbs.c
-r--r--r-- 1000/100 302762 Oct 25 20:24 1997 gui/source/modify.c
-r--r--r-- 1000/100 15772 Oct 25 20:24 1997 gui/source/open_rds.c
-r--r--r-- 1000/100 23364 Oct 25 20:23 1997 gui/source/JMTK_drawexp.c
-r--r--r-- 1000/100  30610 Oct 25 20:24 1997 gui/source/modify_target.c
-r--r--r-- 1000/100  43459 Oct 25 20:24 1997 gui/source/plan_options.c
-r--r--r-- 1000/100  22538 Oct 25 20:24 1997 gui/source/panning.c
-r--r--r-- 1000/100  98584 Oct 25 20:24 1997 gui/source/plan_release.c
-r--r--r-- 1000/100 121826 Oct 25 20:24 1997 gui/source/pointinfo.c
-r--r--r-- 1000/100 17171 Oct 25 20:24 1997 gui/source/planning.c
-r--r--r-- 1000/100 39492 Oct 25 20:24 1997 gui/source/points.c
-r--r--r-- 1000/100  31982 Oct 25 20:24 1997 gui/source/point_type.c
-r--r--r-- 1000/100  47696 Oct 25 20:24 1997 gui/source/quit.c
-r--r--r-- 1000/100  46490 Oct 25 20:24 1997 gui/source/ac_io.c
-r--r--r-- 1000/100  67976 Oct 25 20:24 1997 gui/source/math_utils.c
-r--r--r-- 1000/100  2276 Oct 25 20:24 1997 gui/source/XpmRdFToI.c
-r--r--r-- 1000/100 35230 Oct 25 20:24 1997 gui/source/descent_rings.c
-r--r--r-- 1000/100 25513 Oct 25 20:24 1997 gui/source/dialog_cbs.c
-r--r--r-- 1000/100 173698 Oct 25 20:24 1997 gui/source/displayfp.c
-r--r--r-- 1000/100 144950 Oct 25 20:24 1997 gui/source/display_dted.c
-r--r--r-- 1000/100 100947 Oct 25 20:24 1997 gui/source/drawcor.c
```

```
-r--r--- 1000/100 63679 Oct 25 20:24 1997 gui/source/draw_cms.c
-r--r--- 1000/100 21020 Oct 25 20:24 1997 gui/source/drawexp.c
-r--r--- 1000/100 38834 Oct 25 20:24 1997 gui/source/draw_grid.c
-r--r--- 1000/100 89738 Oct 25 20:24 1997 gui/source/drawrds.c
-r--r--- 1000/100 1794 Oct 25 20:24 1997 gui/source/XpmRdFToP.c
-r--r--- 1000/100 112820 Oct 25 20:24 1997 gui/source/envvars.c
-r--r--- 1000/100 45246 Oct 25 20:24 1997 gui/source/dted.c
-r--r--- 1000/100 282548 Oct 25 20:24 1997 gui/source/loadrds.c
-r--r--- 1000/100 76763 Oct 25 20:24 1997 gui/source/flight_profile.c
-r--r--- 1000/100 17642 Oct 25 20:24 1997 gui/source/find_target.c
-r--r--- 1000/100 13575 Oct 25 20:24 1997 gui/source/reorder.c
-r--r--- 1000/100 167233 Oct 25 20:24 1997 gui/source/reports.c
-r--r--- 1000/100 7127 Oct 25 20:24 1997 gui/source/font.c
-r--r--- 1000/100 154483 Oct 25 20:24 1997 gui/source/routing.c
-r--r--- 1000/100 21782 Oct 25 20:24 1997 gui/source/safe_release.c
-r--r--- 1000/100 5750 Oct 25 20:24 1997 gui/source/register_signal_handlers.c
-r--r--- 1000/100 60907 Oct 25 20:24 1997 gui/source/route2.c
-r--r--- 1000/100 89363 Oct 25 20:24 1997 gui/source/routes.c
-r--r--- 1000/100 39507 Oct 25 20:24 1997 gui/source/scw.c
-r--r--- 1000/100 24161 Oct 25 20:24 1997 gui/source/fvr.c
-r--r--- 1000/100 141924 Oct 25 20:24 1997 gui/source/map.c
-r--r--- 1000/100 75986 Oct 25 20:24 1997 gui/source/saverds.c
-r--r--- 1000/100 71305 Oct 25 20:23 1997 gui/source/JMTK_drawrds.c
-r--r--- 1000/100 20678 Oct 25 20:24 1997 gui/source/snail.c
-r--r--- 1000/100 4869 Oct 25 20:24 1997 gui/source/shutdown_routing_kernal.c
-r--r--- 1000/100 3563 Oct 25 20:24 1997 gui/source/smdps_mode_timeout.c
-r--r--- 1000/100 77995 Oct 25 20:24 1997 gui/source/rdsinit.c
-r--r--- 1000/100 8387 Oct 25 20:24 1997 gui/source/gmpt_init.c
-r--r--- 1000/100 128421 Oct 25 20:24 1997 gui/source/footprint.c
-r--r--- 1000/100 63943 Oct 25 20:23 1997 gui/source/JMTK_stuff.c
-r--r--- 1000/100 23336 Oct 25 20:24 1997 gui/source/fpindex.c
-r--r--- 1000/100 8409 Oct 25 20:23 1997 gui/source/XpmCrBufFrI.c
-r--r--- 1000/100 149855 Oct 25 20:24 1997 gui/source/gmpt_io.c
-r--r--- 1000/100 36801 Oct 25 20:24 1997 gui/source/heading.c
-r--r--- 1000/100 34919 Oct 25 20:24 1997 gui/source/head_dist.c
-r--r--- 1000/100 2507 Oct 25 20:24 1997 gui/source/handle_X_errors.c
-r--r--- 1000/100 410168 Oct 25 20:24 1997 gui/source/image_out.c
-r--r--- 1000/100 6093 Oct 25 20:24 1997 gui/source/XpmWrFFrI.c
-r--r--- 1000/100 102780 Oct 25 20:24 1997 gui/source/startup.c
-r--r--- 1000/100 26789 Oct 25 20:24 1997 gui/source/hotbutton.c
-r--r--- 1000/100 114490 Oct 25 20:24 1997 gui/source/insert.c
-r--r--- 1000/100 61085 Oct 25 20:24 1997 gui/source/sortie_db.c
-r--r--- 1000/100 37293 Oct 25 20:24 1997 gui/source/update.c
-r--r--- 1000/100 15118 Oct 25 20:24 1997 gui/source/symbols.c
-r--r--- 1000/100 52933 Oct 25 20:24 1997 gui/source/start_aps.c
-r--r--- 1000/100 1848 Oct 25 20:24 1997 gui/source/XpmWrFFrP.c
-r--r--- 1000/100 51073 Oct 25 20:24 1997 gui/source/terrain_profile.c
-r--r--- 1000/100 65443 Oct 25 20:24 1997 gui/source/mission_parm.c
-r--r--- 1000/100 43411 Oct 25 20:24 1997 gui/source/tieup.c
-r--r--- 1000/100 202790 Oct 25 20:24 1997 gui/source/threat_mask.c
-r--r--- 1000/100 102145 Oct 25 20:24 1997 gui/source/threat_diff.c
-r--r--- 1000/100 26745 Oct 25 20:24 1997 gui/source/threat_mask_read.c
```

-r--r--- 1000/100 213350 Oct 25 20:24 1997 gui/source/threats.c  
-r--r--- 1000/100 72678 Oct 25 20:24 1997 gui/source/tieup\_modify.c  
-r--r--- 1000/100 92555 Oct 25 20:24 1997 gui/source/insert\_pre\_tactic.c  
-r--r--- 1000/100 230148 Oct 25 20:24 1997 gui/source/tu\_runtime.c  
-r--r--- 1000/100 22267 Oct 25 20:24 1997 gui/source/wre.c  
-r--r--- 1000/100 12348 Oct 25 20:24 1997 gui/source/keepout.c  
-r--r--- 1000/100 98588 Oct 25 20:24 1997 gui/source/gdt.c  
-r--r--- 1000/100 1877 Oct 25 20:23 1997 gui/source/XpmCrBufFrP.c  
-r--r--- 1000/100 55232 Oct 25 20:24 1997 gui/source/turn\_arcs.c  
-r--r--- 1000/100 7171 Oct 25 20:24 1997 gui/source/utilities.c  
-r--r--- 1000/100 2236 Oct 25 20:24 1997 gui/source/uxb\_mainc.c  
-r--r--- 1000/100 8208 Oct 25 20:23 1997 gui/source/XpmCrDataFrI.c  
-r--r--- 1000/100 64624 Oct 25 20:24 1997 gui/source/location.c  
-r--r--- 1000/100 94717 Oct 25 20:24 1997 gui/source/vis\_contours\_create.c  
-r--r--- 1000/100 17571 Oct 25 20:24 1997 gui/source/download.c  
-r--r--- 1000/100 22131 Oct 25 20:24 1997 gui/source/weapons.c  
-r--r--- 1000/100 9549 Oct 25 20:24 1997 gui/source/vis\_contours\_select.c  
-r--r--- 1000/100 1859 Oct 25 20:23 1997 gui/source/XpmCrDataFrP.c  
-r--r--- 1000/100 2234 Oct 25 20:23 1997 gui/source/XpmCrIFrBuf.c  
-r--r--- 1000/100 2179 Oct 25 20:24 1997 gui/source/XpmCrIFrData.c  
-r--r--- 1000/100 1805 Oct 25 20:24 1997 gui/source/XpmCrPFrBuf.c  
-r--r--- 1000/100 634490 Oct 25 20:24 1997 gui/source/new\_dialogs.c  
-r--r--- 1000/100 1330 Oct 25 20:24 1997 gui/source/XpmRdFToData.c  
-r--r--- 1000/100 1845 Oct 25 20:24 1997 gui/source/XpmCrPFrData.c  
-r--r--- 1000/100 14505 Oct 25 20:24 1997 gui/source/Xpmdata.c  
-r--r--- 1000/100 1224 Oct 25 20:24 1997 gui/source/XpmWrFFrData.c  
-r--r--- 1000/100 38535 Oct 25 20:24 1997 gui/source/Xpmcreate.c  
-r--r--- 1000/100 5219 Oct 25 20:24 1997 gui/source/Xpmhastable.c  
-r--r--- 1000/100 12512 Oct 25 20:24 1997 gui/source/Xpmmisc.c  
-r--r--- 1000/100 16778 Oct 25 20:24 1997 gui/source/Xpmparse.c  
-r--r--- 1000/100 3825 Oct 25 20:24 1997 gui/source/Xpmrgb.c  
-r--r--- 1000/100 20934 Oct 25 20:24 1997 gui/source/Xpmscan.c  
-r--r--- 1000/100 85874 Oct 25 20:24 1997 gui/source/ac\_edit.c  
-r--r--- 1000/100 41777 Oct 25 20:24 1997 gui/source/ac\_initEditData.c  
-r--r--- 1000/100 7127 Oct 25 20:24 1997 gui/source/ac\_initVSData.c  
-r--r--- 1000/100 92846 Oct 25 20:24 1997 gui/source/ac\_utility.c  
-r--r--- 1000/100 35889 Oct 25 20:24 1997 gui/source/compute\_gdt.c  
-r--r--- 1000/100 5681 Oct 25 20:24 1997 gui/source/convert\_gps.c  
-r--r--- 1000/100 49365 Oct 25 20:24 1997 gui/source/coordinates.c  
-r--r--- 1000/100 19886 Oct 25 20:24 1997 gui/source/data\_server.c  
-r--r--- 1000/100 27711 Oct 25 20:24 1997 gui/source/weather.c  
-r--r--- 1000/100 32655 Oct 25 20:24 1997 gui/source/look\_envelope.c  
-r--r--- 1000/100 70418 Oct 25 20:24 1997 gui/source/write\_frp.c  
-r--r--- 1000/100 27288 Oct 25 20:24 1997 gui/source/displaysw.c  
-r--r--- 1000/100 22232 Oct 25 21:15 1997 gui/source/draw\_gdt.c  
-r--r--- 1000/100 3422 Oct 25 20:24 1997 gui/source/recovery\_basket.c  
-r--r--- 1000/100 109194 Oct 25 20:24 1997 gui/source/draw\_mask.c  
-r--r--- 1000/100 8719 Oct 25 20:24 1997 gui/source/list\_tools.c  
-r--r--- 1000/100 11261 Oct 25 20:24 1997 gui/source/valchks.c  
-r--r--- 1000/100 12603 Oct 25 20:24 1997 gui/source/segments.c  
-r--r--- 1000/100 39122 Oct 25 20:24 1997 gui/source/sensors.c  
-r--r--- 1000/100 11617 Oct 25 20:24 1997 gui/source/uav\_character.c

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-r--r--r-- 1000/100 69920 Oct 25 20:24 1997 gui/source/switch_dbs.c
-r--r--r-- 1000/100 585 Oct 22 17:54 1997 gui/source/list_tools.h
-rwxr--r-- 1000/100 8253 Oct 26 10:12 1997 gui/source/Build_mp_gui_Sun_cc
-rwxr--r-- 1000/100 8299 Oct 26 12:01 1997 gui/source/Build_mp_gui_HP_cc
-rwxr--r-- 1000/100 8522 Oct 26 10:13 1997 gui/source/Build_mp_gui_HP_gcc
-rwxr--r-- 1000/100 127 Oct 26 09:16 1997 gui/source/test
-rwxr--r-- 1000/100 8449 Oct 26 10:12 1997 gui/source/Build_mp_gui_Sun_gcc
drwxr-xr-x 1000/100 0 Oct 26 09:41 1997 gui/include/
-r--r--r-- 1000/100 1748 Oct 25 20:23 1997 gui/include/b2_ac_char.h
-r--r--r-- 1000/100 1344 Oct 25 20:23 1997 gui/include/b2_color.h
-r--r--r-- 1000/100 1414 Oct 25 20:23 1997 gui/include/b2_callbacks.h
-r--r--r-- 1000/100 2003 Oct 25 20:23 1997 gui/include/b2_bagrid.h
-r--r--r-- 1000/100 1591 Oct 25 20:23 1997 gui/include/b2_craft_perf.h
-r--r--r-- 1000/100 2235 Oct 25 20:23 1997 gui/include/b2_control_time.h
-r--r--r-- 1000/100 4760 Oct 25 20:23 1997 gui/include/b2_cms.h
-r--r--r-- 1000/100 2682 Oct 25 20:23 1997 gui/include/b2_symbols.h
-r--r--r-- 1000/100 2090 Oct 25 20:23 1997 gui/include/b2_delete.h
-r--r--r-- 1000/100 18622 Oct 25 20:23 1997 gui/include/b2_footprint.h
-r--r--r-- 1000/100 25975 Oct 25 20:23 1997 gui/include/b2_envvars.h
-r--r--r-- 1000/100 1303 Oct 25 20:23 1997 gui/include/b2_fonts.h
-r--r--r-- 1000/100 2272 Oct 25 20:23 1997 gui/include/b2_turn_arc.h
-r--r--r-- 1000/100 1461 Oct 25 20:23 1997 gui/include/b2_text_misc.h
-r--r--r-- 1000/100 11992 Oct 25 20:23 1997 gui/include/b2_weapons.h
-r--r--r-- 1000/100 4024 Oct 25 20:23 1997 gui/include/b2_wre.h
-r--r--r-- 1000/100 16451 Oct 25 20:23 1997 gui/include/b2_type.h
-r--r--r-- 1000/100 1156 Oct 25 20:23 1997 gui/include/b2_vfcs.h
-r--r--r-- 1000/100 12296 Oct 25 20:23 1997 gui/include/b2globalwidgets.h
-r--r--r-- 1000/100 1703 Oct 25 20:23 1997 gui/include/b2mainLayoutFuncs.h
-r--r--r-- 1000/100 13152 Oct 25 20:23 1997 gui/include/xpm.h
-r--r--r-- 1000/100 92186 Oct 25 20:23 1997 gui/include/b2mainshell.h
-r--r--r-- 1000/100 7977 Oct 25 20:23 1997 gui/include/b2_startup.h
-r--r--r-- 1000/100 4669 Oct 25 20:23 1997 gui/include/aps.h
-r--r--r-- 1000/100 1000 Oct 25 20:23 1997 gui/include/b2arrayConstants.h
-r--r--r-- 1000/100 3275 Oct 25 20:23 1997 gui/include/b2globalwidgetsExt.h
-r--r--r-- 1000/100 1018 Oct 25 20:23 1997 gui/include/b2_headdist.h
-r--r--r-- 1000/100 2252 Oct 25 20:23 1997 gui/include/b2_keepout.h
-r--r--r-- 1000/100 1976 Oct 25 20:23 1997 gui/include/bases.h
-r--r--r-- 1000/100 2952 Oct 25 20:23 1997 gui/include/b2_icon_pix.h
-r--r--r-- 1000/100 1294 Oct 25 20:23 1997 gui/include/b2_heading.h
-r--r--r-- 1000/100 6899 Oct 25 20:23 1997 gui/include/b2_map.h
-r--r--r-- 1000/100 1392 Oct 25 20:23 1997 gui/include/dialogs.h
-r--r--r-- 1000/100 2542 Oct 25 20:23 1997 gui/include/cadrg_color.h
-r--r--r-- 1000/100 17440 Oct 25 20:23 1997 gui/include/b2_gats.h
-r--r--r-- 1000/100 4127 Oct 25 20:23 1997 gui/include/b2_max.h
-r--r--r-- 1000/100 2233 Oct 25 20:23 1997 gui/include/b2_masks.h
-r--r--r-- 1000/100 7005 Oct 25 20:23 1997 gui/include/b2_main.h
-r--r--r-- 1000/100 14650 Oct 25 20:23 1997 gui/include/b2_menu_active.h
-r--r--r-- 1000/100 6136 Oct 25 20:23 1997 gui/include/gdt.h
-r--r--r-- 1000/100 1489 Oct 25 20:23 1997 gui/include/b2_mod_ver_cbs.h
-r--r--r-- 1000/100 5760 Oct 25 20:23 1997 gui/include/b2_modes.h
-r--r--r-- 1000/100 14397 Oct 25 20:23 1997 gui/include/b2_pixmaps.h
-r--r--r-- 1000/100 6236 Oct 25 20:23 1997 gui/include/b2_modify_vals.h
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-r--r--r-- 1000/100 4221 Oct 25 20:23 1997 gui/include/b2_physical.h
-r--r--r-- 1000/100 9795 Oct 25 20:23 1997 gui/include/b2_pixmaps_gats.h
-r--r--r-- 1000/100 4978 Oct 25 20:23 1997 gui/include/b2_pointinfo.h
-r--r--r-- 1000/100 2364 Oct 25 20:23 1997 gui/include/b2_point_types.h
-r--r--r-- 1000/100 2812 Oct 25 20:23 1997 gui/include/b2_reorder.h
-r--r--r-- 1000/100 55310 Oct 25 20:23 1997 gui/include/b2_rds.h
-r--r--r-- 1000/100 1466 Oct 25 20:23 1997 gui/include/b2_rdsinit.h
-r--r--r-- 1000/100 1183 Oct 25 20:23 1997 gui/include/b2_ptsel.h
-r--r--r-- 1000/100 12287 Oct 25 20:23 1997 gui/include/dted.h
-r--r--r-- 1000/100 2505 Oct 25 20:23 1997 gui/include/eadsim.h
-r--r--r-- 1000/100 842 Oct 25 20:23 1997 gui/include/exposure.h
-r--r--r-- 1000/100 31546 Oct 25 20:23 1997 gui/include/gmpt.h
-r--r--r-- 1000/100 2414 Oct 25 20:23 1997 gui/include/insert_pt.h
-r--r--r-- 1000/100 2244 Oct 25 20:23 1997 gui/include/jdam.h
-r--r--r-- 1000/100 1861 Oct 25 20:23 1997 gui/include/location.h
-r--r--r-- 1000/100 1002 Oct 25 20:23 1997 gui/include/ins_location.h
-r--r--r-- 1000/100 5407 Oct 25 20:23 1997 gui/include/modify_pt.h
-r--r--r-- 1000/100 20469 Oct 25 20:23 1997 gui/include/nitf.h
-r--r--r-- 1000/100 1646 Oct 25 20:23 1997 gui/include/print_reports.h
-r--r--r-- 1000/100 2049 Oct 25 20:23 1997 gui/include/points.h
-r--r--r-- 1000/100 2263 Oct 25 20:23 1997 gui/include/route_color.h
-r--r--r-- 1000/100 2458 Oct 25 20:23 1997 gui/include/switch_dbs.h
-r--r--r-- 1000/100 13367 Oct 25 20:23 1997 gui/include/targets.h
-r--r--r-- 1000/100 57900 Oct 25 20:23 1997 gui/include/b2_routines.h
-r--r--r-- 1000/100 14207 Oct 25 20:23 1997 gui/include/terrain.h
-r--r--r-- 1000/100 2662 Oct 25 20:23 1997 gui/include/b2_rings.h
-r--r--r-- 1000/100 2981 Oct 25 20:23 1997 gui/include/savedrds.h
-r--r--r-- 1000/100 1502 Oct 25 20:23 1997 gui/include/b2_snail.h
-r--r--r-- 1000/100 1081 Oct 25 20:23 1997 gui/include/tgt_location.h
-r--r--r-- 1000/100 10337 Oct 25 20:23 1997 gui/include/b2_routing.h
-r--r--r-- 1000/100 1489 Oct 25 20:23 1997 gui/include/b2_scw.h
-r--r--r-- 1000/100 3627 Oct 25 20:23 1997 gui/include/b2_rovers.h
-r--r--r-- 1000/100 40388 Oct 25 20:23 1997 gui/include/tu_runtime.h
-r--r--r-- 1000/100 7543 Oct 25 20:23 1997 gui/include/xpmP.h
-r--r--r-- 1000/100 15116 Oct 25 20:23 1997 gui/include/threats.h
-r--r--r-- 1000/100 22859 Oct 25 20:23 1997 gui/include/threat_mask.h
-r--r--r-- 1000/100 7113 Oct 25 20:23 1997 gui/include/threat_diff.h
-r--r--r-- 1000/100 5753 Oct 25 20:23 1997 gui/include/sensors.h
-r--r--r-- 1000/100 524 Oct 25 20:23 1997 gui/include/recovery_basket.h
-r--r--r-- 1000/100 8989 Oct 25 20:23 1997 gui/include/ac_edit.h
-r--r--r-- 1000/100 10629 Oct 25 20:23 1997 gui/include/ac_utility.h
-r--r--r-- 1000/100 13206 Oct 25 20:23 1997 gui/include/uav_frp.h
-r--r--r-- 1000/100 24387 Oct 25 20:23 1997 gui/include/new_dialogs.h
-r--r--r-- 1000/100 2208 Oct 25 20:23 1997 gui/include/coordinates.h
-r--r--r-- 1000/100 2830 Oct 25 20:23 1997 gui/include/mission_parm.h
-r--r--r-- 1000/100 6710 Oct 25 20:23 1997 gui/include/ac_io.h
-r--r--r-- 1000/100 2084 Oct 25 20:23 1997 gui/include/ac_init.h
-r--r--r-- 1000/100 3625 Oct 25 20:23 1997 gui/include/JMTK_stuff.h
-r--r--r-- 1000/100 2679 Oct 25 20:23 1997 gui/include/compute_gdt.h
-r--r--r-- 1000/100 1512 Oct 25 20:23 1997 gui/include/write_frp.h
-r--r--r-- 1000/100 1573 Oct 25 20:23 1997 gui/include/look_envelope.h
-r--r--r-- 1000/100 1153 Oct 25 20:23 1997 gui/include/stubs.h
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-r--r--- 1000/100 1042 Oct 25 20:23 1997 gui/include/data_server.h
drwxr-xr-x 1000/100 0 Oct 26 13:23 1997 gui/bin/
drwxr-xr-x 1000/100 0 Oct 26 13:27 1997 router/
drwxr-xr-x 1000/100 0 Oct 26 13:16 1997 router/bin/
drwxr-xr-x 1000/100 0 Oct 26 14:22 1997 router/source/
-r--r--- 1000/100 5133 Oct 6 14:03 1997 router/source/CQCABD
-r--r--- 1000/100 1414 Oct 6 14:03 1997 router/source/CQCADF
-r--r--- 1000/100 862 Oct 6 14:03 1997 router/source/CQCAIDX
-r--r--- 1000/100 1423 Oct 6 14:03 1997 router/source/CQCALT
-r--r--- 1000/100 1991 Oct 6 14:03 1997 router/source/CQCALIF
-r--r--- 1000/100 1047 Oct 6 14:03 1997 router/source/CQCARKN
-r--r--- 1000/100 864 Oct 6 14:03 1997 router/source/CQCAIRB
-r--r--- 1000/100 1517 Oct 6 14:03 1997 router/source/CQCARER
-r--r--- 1000/100 3314 Oct 6 14:03 1997 router/source/CQCARKY
-r--r--- 1000/100 6861 Oct 6 14:03 1997 router/source/CQCATS
-r--r--- 1000/100 4023 Oct 6 14:03 1997 router/source/CQCAUT2
-r--r--- 1000/100 5942 Oct 6 14:03 1997 router/source/CQCATM
-r--r--- 1000/100 33643 Oct 6 14:03 1997 router/source/CQCAUTO
-r--r--- 1000/100 2951 Oct 6 14:03 1997 router/source/CQCBAPM
-r--r--- 1000/100 13675 Oct 6 14:03 1997 router/source/CQCBAL
-r--r--- 1000/100 1725 Oct 6 14:03 1997 router/source/CQCBAD
-r--r--- 1000/100 1979 Oct 6 14:03 1997 router/source/CQCATTI
-r--r--- 1000/100 3428 Oct 6 14:03 1997 router/source/CQCBARC
-r--r--- 1000/100 7331 Oct 26 12:58 1997 router/source/b2a.f
-r--r--- 1000/100 2105 Oct 26 12:58 1997 router/source/clockx.f
-r--r--- 1000/100 2123 Oct 26 12:58 1997 router/source/cputime.f
-r--r--- 1000/100 8396 Oct 26 12:58 1997 router/source/cqabadj.f
-r--r--- 1000/100 4699 Oct 6 14:03 1997 router/source/CQCC7EN
-r--r--- 1000/100 11648 Oct 26 12:58 1997 router/source/cqabam.f
-r--r--- 1000/100 13546 Oct 26 12:58 1997 router/source/cqabarg.f
-r--r--- 1000/100 25910 Oct 26 12:58 1997 router/source/cqabatn.f
-r--r--- 1000/100 6534 Oct 26 12:58 1997 router/source/cqabbal.f
-r--r--- 1000/100 14088 Oct 26 12:58 1997 router/source/cqabbdc.f
-r--r--- 1000/100 40803 Oct 26 12:58 1997 router/source/cqabbsc.f
-r--r--- 1000/100 10483 Oct 26 12:58 1997 router/source/cqabbstp.f
-r--r--- 1000/100 20497 Oct 26 12:58 1997 router/source/cqabbtr.f
-r--r--- 1000/100 23931 Oct 26 12:58 1997 router/source/cqabbxp.f
-r--r--- 1000/100 10154 Oct 26 12:58 1997 router/source/cqabcdbd.f
-r--r--- 1000/100 14957 Oct 26 12:58 1997 router/source/cqabcck.f
-r--r--- 1000/100 11298 Oct 26 12:58 1997 router/source/cqabcdk.f
-r--r--- 1000/100 18700 Oct 26 12:58 1997 router/source/cqabchk.f
-r--r--- 1000/100 21135 Oct 26 12:58 1997 router/source/cqabcko.f
-r--r--- 1000/100 4425 Oct 26 12:58 1997 router/source/cqabcoc.f
-r--r--- 1000/100 4971 Oct 26 12:58 1997 router/source/cqabcrm.f
-r--r--- 1000/100 35170 Oct 26 12:58 1997 router/source/cqabcts.f
-r--r--- 1000/100 11429 Oct 26 12:58 1997 router/source/cqabert.f
-r--r--- 1000/100 62965 Oct 26 12:58 1997 router/source/cqabexu.f
-r--r--- 1000/100 9529 Oct 26 12:58 1997 router/source/cqabfca.f
-r--r--- 1000/100 13329 Oct 26 12:58 1997 router/source/cqabgpm.f
-r--r--- 1000/100 9513 Oct 26 12:58 1997 router/source/cqabgtl.f
-r--r--- 1000/100 6271 Oct 26 12:58 1997 router/source/cqabini.f
-r--r--- 1000/100 6349 Oct 26 12:58 1997 router/source/cqabkin.f
```

-r--r--r-- 1000/100 27322 Oct 26 12:58 1997 router/source/cqablop.f  
-r--r--r-- 1000/100 12393 Oct 26 12:58 1997 router/source/cqabmcr.f  
-r--r--r-- 1000/100 17317 Oct 26 12:58 1997 router/source/cqabmpp.f  
-r--r--r-- 1000/100 5218 Oct 26 12:58 1997 router/source/cqabnod.f  
-r--r--r-- 1000/100 15166 Oct 26 12:58 1997 router/source/cqabpbc.f  
-r--r--r-- 1000/100 9117 Oct 26 12:58 1997 router/source/cqabpbdf.f  
-r--r--r-- 1000/100 33654 Oct 26 12:58 1997 router/source/cqabpen.f  
-r--r--r-- 1000/100 12491 Oct 26 12:58 1997 router/source/cqabrdi.f  
-r--r--r-- 1000/100 28654 Oct 26 12:58 1997 router/source/cqabrtb.f  
-r--r--r-- 1000/100 7182 Oct 26 12:58 1997 router/source/cqabsdn.f  
-r--r--r-- 1000/100 8629 Oct 26 12:58 1997 router/source/cqabst0.f  
-r--r--r-- 1000/100 5809 Oct 26 12:58 1997 router/source/cqabst1.f  
-r--r--r-- 1000/100 15071 Oct 26 12:58 1997 router/source/cqabst2.f  
-r--r--r-- 1000/100 6977 Oct 26 12:58 1997 router/source/cqabsup.f  
-r--r--r-- 1000/100 26974 Oct 26 12:58 1997 router/source/cqabter.f  
-r--r--r-- 1000/100 15516 Oct 26 12:58 1997 router/source/cqabvfc.f  
-r--r--r-- 1000/100 7688 Oct 26 12:58 1997 router/source/cqabxpl.f  
-r--r--r-- 1000/100 62926 Oct 26 12:58 1997 router/source/cqabxpt.f  
-r--r--r-- 1000/100 7713 Oct 26 12:58 1997 router/source/cqabyid.f  
-r--r--r-- 1000/100 7306 Oct 26 12:58 1997 router/source/cqaebbox.f  
-r--r--r-- 1000/100 47464 Oct 26 12:58 1997 router/source/cqaebrk.f  
-r--r--r-- 1000/100 4643 Oct 26 12:58 1997 router/source/cqaecen.f  
-r--r--r-- 1000/100 6137 Oct 26 12:58 1997 router/source/cqaecpt.f  
-r--r--r-- 1000/100 2644 Oct 6 14:03 1997 router/source/CQCBARR  
-r--r--r-- 1000/100 16082 Oct 26 12:58 1997 router/source/cqaecum.f  
-r--r--r-- 1000/100 5815 Oct 6 14:03 1997 router/source/CQCBAT  
-r--r--r-- 1000/100 3102 Oct 6 14:03 1997 router/source/CQCBDF  
-r--r--r-- 1000/100 3232 Oct 6 14:03 1997 router/source/CQCBCSC  
-r--r--r-- 1000/100 3978 Oct 26 12:58 1997 router/source/cqaeden.f  
-r--r--r-- 1000/100 6389 Oct 6 14:03 1997 router/source/CQCBCON  
-r--r--r-- 1000/100 12541 Oct 26 12:58 1997 router/source/cqaegps.f  
-r--r--r-- 1000/100 2970 Oct 6 14:03 1997 router/source/CQCBIGB  
-r--r--r-- 1000/100 1641 Oct 6 14:03 1997 router/source/CQCBKO  
-r--r--r-- 1000/100 2888 Oct 6 14:03 1997 router/source/CQCC4C  
-r--r--r-- 1000/100 7775 Oct 6 14:03 1997 router/source/CQCBRNT  
-r--r--r-- 1000/100 1373 Oct 6 14:03 1997 router/source/CQCBKWy  
-r--r--r-- 1000/100 4634 Oct 6 14:03 1997 router/source/CQCC8EN  
-r--r--r-- 1000/100 1645 Oct 6 14:03 1997 router/source/CQCC8C  
-r--r--r-- 1000/100 2753 Oct 6 14:03 1997 router/source/CQCC6C  
-r--r--r-- 1000/100 1522 Oct 6 14:03 1997 router/source/CQCC7C  
-r--r--r-- 1000/100 2474 Oct 6 14:03 1997 router/source/CQCC9C  
-r--r--r-- 1000/100 17605 Oct 26 12:58 1997 router/source/cqaemrg.f  
-r--r--r-- 1000/100 4696 Oct 6 14:03 1997 router/source/CQCC9EN  
-r--r--r-- 1000/100 9029 Oct 26 12:58 1997 router/source/cqaeprt.f  
-r--r--r-- 1000/100 6565 Oct 26 12:58 1997 router/source/cqaerab.f  
-r--r--r-- 1000/100 34682 Oct 26 12:58 1997 router/source/cqaerad.f  
-r--r--r-- 1000/100 2727 Oct 26 12:58 1997 router/source/cqaerdf.f  
-r--r--r-- 1000/100 4765 Oct 26 12:58 1997 router/source/cqaermt.f  
-r--r--r-- 1000/100 14739 Oct 26 12:58 1997 router/source/cqaerpk.f  
-r--r--r-- 1000/100 9565 Oct 26 12:58 1997 router/source/cqaerps.f  
-r--r--r-- 1000/100 23637 Oct 26 12:58 1997 router/source/cqaerte.f  
-r--r--r-- 1000/100 5709 Oct 26 12:58 1997 router/source/cqaerth.f

-r--r--r-- 1000/100 24099 Oct 26 12:58 1997 router/source/cqaesam.f  
-r--r--r-- 1000/100 11612 Oct 26 12:58 1997 router/source/cqaesps.f  
-r--r--r-- 1000/100 5976 Oct 26 12:58 1997 router/source/cqaesup.f  
-r--r--r-- 1000/100 10167 Oct 26 12:58 1997 router/source/cqaetse.f  
-r--r--r-- 1000/100 4613 Oct 26 12:58 1997 router/source/cqaeval.f  
-r--r--r-- 1000/100 14170 Oct 26 12:58 1997 router/source/cqaf7ex.f  
-r--r--r-- 1000/100 2447 Oct 6 14:03 1997 router/source/CQCCDKN  
-r--r--r-- 1000/100 17360 Oct 26 12:58 1997 router/source/cqaf8ex.f  
-r--r--r-- 1000/100 30909 Oct 26 12:58 1997 router/source/cqaf9ex.f  
-r--r--r-- 1000/100 4401 Oct 26 12:58 1997 router/source/cqafair.f  
-r--r--r-- 1000/100 6045 Oct 26 12:58 1997 router/source/cqafalt.f  
-r--r--r-- 1000/100 9782 Oct 26 12:58 1997 router/source/cqafcas.f  
-r--r--r-- 1000/100 3959 Oct 26 12:58 1997 router/source/cqafcec.f  
-r--r--r-- 1000/100 9292 Oct 26 12:58 1997 router/source/cqafcfdf.f  
-r--r--r-- 1000/100 43050 Oct 26 12:58 1997 router/source/cqafcga.f  
-r--r--r-- 1000/100 17102 Oct 26 12:58 1997 router/source/cqafcin.f  
-r--r--r-- 1000/100 14123 Oct 26 12:58 1997 router/source/cqafcip.f  
-r--r--r-- 1000/100 13702 Oct 26 12:58 1997 router/source/cqafcln.f  
-r--r--r-- 1000/100 13487 Oct 26 12:58 1997 router/source/cqafcnf.f  
-r--r--r-- 1000/100 9221 Oct 26 12:58 1997 router/source/cqafcon.f  
-r--r--r-- 1000/100 6159 Oct 26 12:58 1997 router/source/cqafera.f  
-r--r--r-- 1000/100 7421 Oct 26 12:58 1997 router/source/cqafctm.f  
-r--r--r-- 1000/100 11324 Oct 26 12:58 1997 router/source/cqafdad.f  
-r--r--r-- 1000/100 5999 Oct 26 12:58 1997 router/source/cqafdc1.f  
-r--r--r-- 1000/100 13253 Oct 26 12:58 1997 router/source/cqafdc2.f  
-r--r--r-- 1000/100 13564 Oct 26 12:58 1997 router/source/cqafdc3.f  
-r--r--r-- 1000/100 25972 Oct 26 12:58 1997 router/source/cqafdc4.f  
-r--r--r-- 1000/100 7708 Oct 26 12:58 1997 router/source/cqafdc5.f  
-r--r--r-- 1000/100 16906 Oct 26 12:58 1997 router/source/cqafdc6.f  
-r--r--r-- 1000/100 23882 Oct 26 12:58 1997 router/source/cqafdc7.f  
-r--r--r-- 1000/100 21913 Oct 26 12:58 1997 router/source/cqafdc8.f  
-r--r--r-- 1000/100 39662 Oct 26 12:58 1997 router/source/cqafdc9.f  
-r--r--r-- 1000/100 7750 Oct 26 12:58 1997 router/source/cqafdcx.f  
-r--r--r-- 1000/100 10042 Oct 26 12:58 1997 router/source/cqafdsc.f  
-r--r--r-- 1000/100 12871 Oct 26 12:58 1997 router/source/cqafdsp.f  
-r--r--r-- 1000/100 14601 Oct 26 12:58 1997 router/source/cqafdv.f  
-r--r--r-- 1000/100 9792 Oct 26 12:58 1997 router/source/cqaffad.f  
-r--r--r-- 1000/100 4355 Oct 26 12:58 1997 router/source/cqaffal.f  
-r--r--r-- 1000/100 5176 Oct 26 12:58 1997 router/source/cqaffha.f  
-r--r--r-- 1000/100 7460 Oct 26 12:58 1997 router/source/cqafflg.f  
-r--r--r-- 1000/100 9473 Oct 26 12:58 1997 router/source/cqafflo.f  
-r--r--r-- 1000/100 11007 Oct 26 12:58 1997 router/source/cqaffly.f  
-r--r--r-- 1000/100 3449 Oct 6 14:03 1997 router/source/CQCCOB  
-r--r--r-- 1000/100 2770 Oct 6 14:03 1997 router/source/CQCCVS  
-r--r--r-- 1000/100 3048 Oct 6 14:03 1997 router/source/CQCCRIF  
-r--r--r-- 1000/100 4334 Oct 6 14:03 1997 router/source/CQCCIDN  
-r--r--r-- 1000/100 1991 Oct 6 14:03 1997 router/source/CQCCHCN  
-r--r--r-- 1000/100 1951 Oct 6 14:03 1997 router/source/CQCADATA  
-r--r--r-- 1000/100 2217 Oct 6 14:03 1997 router/source/CQCDBC  
-r--r--r-- 1000/100 1306 Oct 6 14:03 1997 router/source/CQCDGKN  
-r--r--r-- 1000/100 1900 Oct 6 14:03 1997 router/source/CQCDTED  
-r--r--r-- 1000/100 3106 Oct 6 14:03 1997 router/source/CQCDGT

-r--r--- 1000/100 3728 Oct 6 14:03 1997 router/source/CQCDFT  
-r--r--- 1000/100 195718 Oct 19 18:35 1997 router/source/CQCDFLT  
-r--r--- 1000/100 1296 Oct 6 14:03 1997 router/source/CQCDTN  
-r--r--- 1000/100 15450 Oct 26 12:58 1997 router/source/cqaffoa.f  
-r--r--- 1000/100 1576 Oct 6 14:03 1997 router/source/CQCDTN2  
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-r--r--- 1000/100 4351 Oct 26 12:58 1997 router/source/cqafgrc.f  
-r--r--- 1000/100 17742 Oct 26 12:58 1997 router/source/cqafgrd.f  
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-r--r--- 1000/100 6316 Oct 26 12:58 1997 router/source/cqafrtr.f  
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-r--r--- 1000/100 20799 Oct 26 12:58 1997 router/source/cqagdfu.f  
-r--r--- 1000/100 1762 Oct 6 14:03 1997 router/source/CQCDTTN  
-r--r--- 1000/100 1539 Oct 6 14:03 1997 router/source/CQCDZTY  
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-r--r--- 1000/100 2952 Oct 6 14:03 1997 router/source/CQCECID2

-r--r--- 1000/100 5470 Oct 6 14:03 1997 router/source/CQCEDKN  
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-r--r--- 1000/100 20766 Oct 26 12:58 1997 router/source/cqagelr.f  
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-r--r--- 1000/100 23882 Oct 26 12:58 1997 router/source/cqagflr.f  
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-r--r--r-- 1000/100 776 Oct 6 14:03 1997 router/source/CQCFLNL  
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-r--r--r-- 1000/100 2016 Oct 6 14:03 1997 router/source/CQCFCPUC  
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-r--r--r-- 1000/100 7418 Oct 26 12:59 1997 router/source/cqatiih.f  
-r--r--r-- 1000/100 4632 Oct 26 12:59 1997 router/source/cqatim.f  
-r--r--r-- 1000/100 4596 Oct 6 14:03 1997 router/source/CQCFPV  
-r--r--r-- 1000/100 10759 Oct 26 12:59 1997 router/source/cqatirs.f  
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-r--r--r-- 1000/100 3862 Oct 26 12:59 1997 router/source/cqaubli.f  
-r--r--r-- 1000/100 4007 Oct 26 12:59 1997 router/source/cqaucll.f  
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-r--r--r-- 1000/100 5430 Oct 26 12:59 1997 router/source/cqaucx.y  
-r--r--r-- 1000/100 7286 Oct 26 12:59 1997 router/source/cqaud2p.f  
-r--r--r-- 1000/100 11195 Oct 26 12:59 1997 router/source/cqaudbl.f  
-r--r--r-- 1000/100 7051 Oct 26 12:59 1997 router/source/cqaudhd.f  
-r--r--r-- 1000/100 9005 Oct 26 12:59 1997 router/source/cqaudwe.f  
-r--r--r-- 1000/100 2857 Oct 6 14:03 1997 router/source/CQCHARD  
-r--r--r-- 1000/100 5653 Oct 26 12:59 1997 router/source/cqauedp.f  
-r--r--r-- 1000/100 23602 Oct 6 14:03 1997 router/source/CQCHGCN  
-r--r--r-- 1000/100 6085 Oct 6 14:03 1997 router/source/CQCCHKOT  
-r--r--r-- 1000/100 1899 Oct 6 14:03 1997 router/source/CQCHTIF  
-r--r--r-- 1000/100 2327 Oct 6 14:03 1997 router/source/CQCHTDC  
-r--r--r-- 1000/100 4307 Oct 6 14:03 1997 router/source/CQCHEU  
-r--r--r-- 1000/100 6227 Oct 6 14:03 1997 router/source/CQCHSC  
-r--r--r-- 1000/100 2165 Oct 6 14:03 1997 router/source/CQCIAIF  
-r--r--r-- 1000/100 1687 Oct 6 14:03 1997 router/source/CQCHTYC  
-r--r--r-- 1000/100 1736 Oct 6 14:03 1997 router/source/CQCIDPT  
-r--r--r-- 1000/100 4960 Oct 6 14:03 1997 router/source/CQCIDNC  
-r--r--r-- 1000/100 16350 Oct 19 18:35 1997 router/source/CQCIDIF  
-r--r--r-- 1000/100 1286 Oct 6 14:03 1997 router/source/CQCIDC  
-r--r--r-- 1000/100 3713 Oct 6 14:03 1997 router/source/CQCIIFC  
-r--r--r-- 1000/100 1009 Oct 6 14:03 1997 router/source/CQCIFER  
-r--r--r-- 1000/100 5128 Oct 26 12:59 1997 router/source/cqauell.f  
-r--r--r-- 1000/100 3425 Oct 6 14:03 1997 router/source/CQCIMG  
-r--r--r-- 1000/100 5698 Oct 26 12:59 1997 router/source/cqaufhd.f  
-r--r--r-- 1000/100 3767 Oct 26 12:59 1997 router/source/cqaugal.f

-r--r--r-- 1000/100 4859 Oct 26 12:59 1997 router/source/cqaugcd.f  
-r--r--r-- 1000/100 8341 Oct 26 12:59 1997 router/source/cqaughd.f  
-r--r--r-- 1000/100 6926 Oct 26 12:59 1997 router/source/cqaugin.f  
-r--r--r-- 1000/100 12195 Oct 26 12:59 1997 router/source/cqaugit.f  
-r--r--r-- 1000/100 5793 Oct 26 12:59 1997 router/source/cqaugll.f  
-r--r--r-- 1000/100 4319 Oct 26 12:59 1997 router/source/cqaugtl.f  
-r--r--r-- 1000/100 5001 Oct 26 12:59 1997 router/source/cqauhdg.f  
-r--r--r-- 1000/100 5149 Oct 26 12:59 1997 router/source/cqauhdi.f  
-r--r--r-- 1000/100 4826 Oct 26 12:59 1997 router/source/cqauinh.f  
-r--r--r-- 1000/100 4108 Oct 26 12:59 1997 router/source/cqauint.f  
-r--r--r-- 1000/100 5915 Oct 26 12:59 1997 router/source/cqaulld.f  
-r--r--r-- 1000/100 4876 Oct 26 12:59 1997 router/source/cqaulnt.f  
-r--r--r-- 1000/100 6445 Oct 26 12:59 1997 router/source/cqaulrt.f  
-r--r--r-- 1000/100 4428 Oct 26 12:59 1997 router/source/cqaultf.f  
-r--r--r-- 1000/100 4634 Oct 26 12:59 1997 router/source/cqaum2v.f  
-r--r--r-- 1000/100 3615 Oct 26 12:59 1997 router/source/cqaumod.f  
-r--r--r-- 1000/100 3534 Oct 26 12:59 1997 router/source/cqaumxm.f  
-r--r--r-- 1000/100 15613 Oct 26 12:59 1997 router/source/cqaupin.f  
-r--r--r-- 1000/100 4753 Oct 26 12:59 1997 router/source/cqaupix.f  
-r--r--r-- 1000/100 44281 Oct 26 12:59 1997 router/source/cqaurbh.f  
-r--r--r-- 1000/100 3654 Oct 26 12:59 1997 router/source/cqaurot.f  
-r--r--r-- 1000/100 3906 Oct 26 12:59 1997 router/source/cqausag.f  
-r--r--r-- 1000/100 4868 Oct 26 12:59 1997 router/source/cqautef.f  
-r--r--r-- 1000/100 4100 Oct 26 12:59 1997 router/source/cqautll.f  
-r--r--r-- 1000/100 4273 Oct 26 12:59 1997 router/source/cqauupv.f  
-r--r--r-- 1000/100 5115 Oct 26 12:59 1997 router/source/cqauutn.f  
-r--r--r-- 1000/100 5169 Oct 26 12:59 1997 router/source/cqauuvc.f  
-r--r--r-- 1000/100 4289 Oct 26 12:59 1997 router/source/cqauv2m.f  
-r--r--r-- 1000/100 3038 Oct 26 12:59 1997 router/source/cqauvmg.f  
-r--r--r-- 1000/100 8031 Oct 26 12:59 1997 router/source/cqavfvr.f  
-r--r--r-- 1000/100 35143 Oct 26 12:59 1997 router/source/cqavfwf.f  
-r--r--r-- 1000/100 19656 Oct 26 12:59 1997 router/source/cqavnad.f  
-r--r--r-- 1000/100 9998 Oct 26 12:59 1997 router/source/cqavslf.f  
-r--r--r-- 1000/100 19672 Oct 26 12:59 1997 router/source/cqavzsr.f  
-r--r--r-- 1000/100 6400 Oct 26 12:59 1997 router/source/cqawnd0.f  
-r--r--r-- 1000/100 38200 Oct 26 12:59 1997 router/source/cqawnd1.f  
-r--r--r-- 1000/100 7986 Oct 26 12:59 1997 router/source/cqaxcepi.f  
-r--r--r-- 1000/100 33600 Oct 26 12:59 1997 router/source/cqaxdiv.f  
-r--r--r-- 1000/100 16174 Oct 26 12:59 1997 router/source/cqaxerr.f  
-r--r--r-- 1000/100 20841 Oct 26 12:59 1997 router/source/cqaxexp.f  
-r--r--r-- 1000/100 5845 Oct 26 12:59 1997 router/source/cqaxnot.f  
-r--r--r-- 1000/100 10617 Oct 26 12:59 1997 router/source/cqaxped.f  
-r--r--r-- 1000/100 18334 Oct 26 12:59 1997 router/source/cqaxpii.f  
-r--r--r-- 1000/100 13333 Oct 26 12:59 1997 router/source/cqaxpit.f  
-r--r--r-- 1000/100 27418 Oct 26 12:59 1997 router/source/cqaxrad.f  
-r--r--r-- 1000/100 21159 Oct 19 18:35 1997 router/source/CQCIMIF  
-r--r--r-- 1000/100 2985 Oct 6 14:03 1997 router/source/CQCIMT  
-r--r--r-- 1000/100 2600 Oct 6 14:03 1997 router/source/CQCIPC  
-r--r--r-- 1000/100 1462 Oct 6 14:03 1997 router/source/CQCIVFC  
-r--r--r-- 1000/100 1001 Oct 6 14:03 1997 router/source/CQCIOIS  
-r--r--r-- 1000/100 51550 Oct 19 18:35 1997 router/source/CQCITMN  
-r--r--r-- 1000/100 2711 Oct 6 14:03 1997 router/source/CQCKOIF

-r--r--r-- 1000/100 7673 Oct 8 19:22 1997 router/source/CQCLLTN  
-r--r--r-- 1000/100 2509 Oct 6 14:03 1997 router/source/CQCMDAT  
-r--r--r-- 1000/100 1042 Oct 6 14:03 1997 router/source/CQCMA  
-r--r--r-- 1000/100 2083 Oct 6 14:03 1997 router/source/CQCMTDT  
-r--r--r-- 1000/100 1892 Oct 6 14:03 1997 router/source/CQCKOKN  
-r--r--r-- 1000/100 3365 Oct 6 14:03 1997 router/source/CQCMTKN  
-r--r--r-- 1000/100 1884 Oct 6 14:03 1997 router/source/CQCMTIN  
-r--r--r-- 1000/100 4006 Oct 6 14:03 1997 router/source/CQCMTIF  
-r--r--r-- 1000/100 2155 Oct 6 14:03 1997 router/source/CQCNC  
-r--r--r-- 1000/100 7996 Oct 26 12:59 1997 router/source/cqaxrd.f  
-r--r--r-- 1000/100 4782 Oct 26 12:59 1997 router/source/cqaxrtm.f  
-r--r--r-- 1000/100 2068 Oct 6 14:03 1997 router/source/CQCNEG  
-r--r--r-- 1000/100 12249 Oct 26 12:59 1997 router/source/cqaxsam.f  
-r--r--r-- 1000/100 18389 Oct 26 12:59 1997 router/source/cqaxsex.f  
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-r--r--r-- 1000/100 21984 Oct 26 12:59 1997 router/source/cqb  
-r--r--r-- 1000/100 3117 Oct 26 12:59 1997 router/source/cqbobf.f  
-r--r--r-- 1000/100 1970 Oct 26 12:59 1997 router/source/cqb  
-r--r--r-- 1000/100 3521 Oct 26 12:59 1997 router/source/cqbrblk.f  
-r--r--r-- 1000/100 21469 Oct 26 12:59 1997 router/source/cqbrds.f  
-r--r--r-- 1000/100 1490 Oct 26 12:59 1997 router/source/cqbsiif.f  
-r--r--r-- 1000/100 3142 Oct 26 12:59 1997 router/source/cqb  
-r--r--r-- 1000/100 950 Oct 26 12:59 1997 router/source/cqbwind.f  
-r--r--r-- 1000/100 2578 Oct 26 12:59 1997 router/source/cqc  
-r--r--r-- 1000/100 1372 Oct 26 12:59 1997 router/source/cqcabdd.f  
-r--r--r-- 1000/100 645 Oct 26 12:59 1997 router/source/cqc  
-r--r--r-- 1000/100 1087 Oct 26 12:59 1997 router/source/cqc  
-r--r--r-- 1000/100 1145 Oct 26 12:59 1997 router/source/cqc  
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-r--r--- 1000/100 2952 Oct 26 12:59 1997 router/source/cqcldump.f  
-r--r--- 1000/100 1080 Oct 26 12:59 1997 router/source/cqcedcd.f  
-r--r--- 1000/100 3311 Oct 26 12:59 1997 router/source/cqcedxd.f  
-r--r--- 1000/100 1122 Oct 26 12:59 1997 router/source/cqcerdd.f  
-r--r--- 1000/100 2316 Oct 26 12:59 1997 router/source/cqcerid.f  
-r--r--- 1000/100 334 Oct 26 12:59 1997 router/source/cqcermd.f  
-r--r--- 1000/100 885 Oct 26 12:59 1997 router/source/cqcerpd.f  
-r--r--- 1000/100 678 Oct 26 12:59 1997 router/source/cqcerrd.f  
-r--r--- 1000/100 2531 Oct 6 14:03 1997 router/source/CQCNODE  
-r--r--- 1000/100 1477 Oct 6 14:03 1997 router/source/CQCP2TH  
-r--r--- 1000/100 53166 Oct 8 19:22 1997 router/source/CQCPARM  
-r--r--- 1000/100 6179 Oct 6 14:03 1997 router/source/CQCNODE  
-r--r--- 1000/100 6609 Oct 6 14:03 1997 router/source/CQCBOF  
-r--r--- 1000/100 17542 Oct 19 18:35 1997 router/source/CQCPDD  
-r--r--- 1000/100 8952 Oct 6 14:03 1997 router/source/CQCPHYC  
-r--r--- 1000/100 23681 Oct 6 14:03 1997 router/source/CQCPPERRM  
-r--r--- 1000/100 2725 Oct 6 14:03 1997 router/source/CQCPERVL  
-r--r--- 1000/100 3291 Oct 6 14:03 1997 router/source/CQCPOOL  
-r--r--- 1000/100 4412 Oct 6 14:03 1997 router/source/CQCPPC  
-r--r--- 1000/100 5027 Oct 6 14:03 1997 router/source/CQCPOI  
-r--r--- 1000/100 2675 Oct 6 14:03 1997 router/source/CQCPSDT  
-r--r--- 1000/100 1626 Oct 6 14:03 1997 router/source/CQCUPERV2  
-r--r--- 1000/100 3904 Oct 6 14:03 1997 router/source/CQCQIP  
-r--r--- 1000/100 3534 Oct 26 12:59 1997 router/source/cqcexpr.f  
-r--r--- 1000/100 3044 Oct 26 12:59 1997 router/source/cqcfapd.f  
-r--r--- 1000/100 673 Oct 26 12:59 1997 router/source/cqcfimd.f  
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-r--r--- 1000/100 7578 Oct 26 12:59 1997 router/source/cqcfscd.f  
-r--r--- 1000/100 1406 Oct 26 12:59 1997 router/source/cqcgdx.f  
-r--r--- 1000/100 3912 Oct 26 12:59 1997 router/source/cqcglt.d  
-r--r--- 1000/100 3249 Oct 26 12:59 1997 router/source/cqcgql.d  
-r--r--- 1000/100 1073 Oct 26 12:59 1997 router/source/cqcggrp.d  
-r--r--- 1000/100 3423 Oct 26 12:59 1997 router/source/cqcgtsd.d  
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-r--r--- 1000/100 1785 Oct 26 12:59 1997 router/source/cqcldnd.f  
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-r--r--- 1000/100 2192 Oct 26 12:59 1997 router/source/cqcldxd.f  
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-r--r--- 1000/100 3277 Oct 26 12:59 1997 router/source/cqclstd.f  
-r--r--- 1000/100 5391 Oct 26 12:59 1997 router/source/cqcnode.f  
-r--r--- 1000/100 1981 Oct 26 12:59 1997 router/source/cqcpcd.f  
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-r--r--r-- 1000/100 1992 Oct 26 12:59 1997 router/source/cqcrcsd.f  
-r--r--r-- 1000/100 9018 Oct 26 12:59 1997 router/source/cqcrdbd.f  
-r--r--r-- 1000/100 1176 Oct 26 12:59 1997 router/source/cqcrdcf.f  
-r--r--r-- 1000/100 4203 Oct 26 12:59 1997 router/source/cqcrdf.f  
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-r--r--r-- 1000/100 9699 Oct 26 12:59 1997 router/source/cqcrdx.f  
-r--r--r-- 1000/100 1799 Oct 26 12:59 1997 router/source/cqcredd.f  
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-r--r--r-- 1000/100 1851 Oct 26 12:59 1997 router/source/cqcrifd.f  
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-r--r--r-- 1000/100 1166 Oct 26 12:59 1997 router/source/cqcrntd.f  
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-r--r--r-- 1000/100 1970 Oct 26 12:59 1997 router/source/cqcrwdd.f  
-r--r--r-- 1000/100 11747 Oct 6 14:03 1997 router/source/CQCRADP  
-r--r--r-- 1000/100 1633 Oct 26 12:59 1997 router/source/cqcsdcd.f  
-r--r--r-- 1000/100 23598 Oct 19 18:35 1997 router/source/CQCRBIF  
-r--r--r-- 1000/100 1975 Oct 6 14:03 1997 router/source/CQCRBM  
-r--r--r-- 1000/100 22095 Oct 6 14:03 1997 router/source/CQCRBIF2  
-r--r--r-- 1000/100 3788 Oct 6 14:03 1997 router/source/CQCRCHR  
-r--r--r-- 1000/100 21046 Oct 6 14:03 1997 router/source/CQCRCON  
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-r--r--r-- 1000/100 3776 Oct 6 14:03 1997 router/source/CQCRDAT  
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-r--r--r-- 1000/100 659 Oct 26 12:59 1997 router/source/cqest2d.f  
-r--r--r-- 1000/100 1537 Oct 26 12:59 1997 router/source/cqcswpd.f  
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-r--r--r-- 1000/100 1542 Oct 26 12:59 1997 router/source/cqctrccd.f  
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-r--r--r-- 1000/100 4616 Oct 26 12:59 1997 router/source/cqdrbim.f  
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-r--r--r-- 1000/100 4630 Oct 26 12:59 1997 router/source/cqdrbmt.f  
-r--r--r-- 1000/100 4617 Oct 26 12:59 1997 router/source/cqdrbth.f  
-r--r--r-- 1000/100 4637 Oct 26 12:59 1997 router/source/cqdrbwdf.f  
-r--r--r-- 1000/100 4898 Oct 26 12:59 1997 router/source/cqdrcbk.f  
-r--r--r-- 1000/100 3994 Oct 26 12:59 1997 router/source/cqdrcd.f  
-r--r--r-- 1000/100 9771 Oct 26 12:59 1997 router/source/cqdrcfp.f  
-r--r--r-- 1000/100 8491 Oct 26 12:59 1997 router/source/cqdrcdp.f  
-r--r--r-- 1000/100 10731 Oct 26 12:59 1997 router/source/cqdrcig.f  
-r--r--r-- 1000/100 9790 Oct 26 12:59 1997 router/source/cqdrcip.f  
-r--r--r-- 1000/100 1636 Oct 6 14:04 1997 router/source/CQCRTK  
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-r--r--r-- 1000/100 2067 Oct 6 14:04 1997 router/source/CQCRHDR2  
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-r--r--r-- 1000/100 8604 Oct 19 18:36 1997 router/source/CQCRCSDC  
-r--r--r-- 1000/100 22025 Oct 19 18:35 1997 router/source/CQCRTIF  
-r--r--r-- 1000/100 10785 Oct 26 12:59 1997 router/source/cqdrclg.f  
-r--r--r-- 1000/100 9780 Oct 26 12:59 1997 router/source/cqdrclp.f  
-r--r--r-- 1000/100 5415 Oct 26 12:59 1997 router/source/cqdrcrb.f  
-r--r--r-- 1000/100 7494 Oct 26 12:59 1997 router/source/cqdrcrg.f  
-r--r--r-- 1000/100 17830 Oct 19 18:35 1997 router/source/CQCRTKN  
-r--r--r-- 1000/100 4448 Oct 26 12:59 1997 router/source/cqdrcrk.f  
-r--r--r-- 1000/100 5032 Oct 26 12:59 1997 router/source/cqdrcrl.f  
-r--r--r-- 1000/100 8968 Oct 26 12:59 1997 router/source/cqdrcrp.f  
-r--r--r-- 1000/100 7559 Oct 26 12:59 1997 router/source/cqdrcrv.f  
-r--r--r-- 1000/100 4740 Oct 26 12:59 1997 router/source/cqdrdln.f  
-r--r--r-- 1000/100 11450 Oct 26 12:59 1997 router/source/cqdrdmg.f  
-r--r--r-- 1000/100 5772 Oct 26 12:59 1997 router/source/cqdrdsh.f

-r--r--r-- 1000/100 4964 Oct 26 12:59 1997 router/source/cqdrdst.f  
-r--r--r-- 1000/100 4818 Oct 26 12:59 1997 router/source/cqdreal.f  
-r--r--r-- 1000/100 4749 Oct 26 12:59 1997 router/source/cqdrecr.f  
-r--r--r-- 1000/100 4757 Oct 26 12:59 1997 router/source/cqdreex.f  
-r--r--r-- 1000/100 4758 Oct 26 12:59 1997 router/source/cqdregr.f  
-r--r--r-- 1000/100 4798 Oct 26 12:59 1997 router/source/cqdreia.f  
-r--r--r-- 1000/100 4732 Oct 26 12:59 1997 router/source/cqdreim.f  
-r--r--r-- 1000/100 4962 Oct 26 12:59 1997 router/source/cqdrrerb.f  
-r--r--r-- 1000/100 6809 Oct 26 12:59 1997 router/source/cqdrrerg.f  
-r--r--r-- 1000/100 3992 Oct 26 12:59 1997 router/source/cqdrrerk.f  
-r--r--r-- 1000/100 4571 Oct 26 12:59 1997 router/source/cqdrrerl.f  
-r--r--r-- 1000/100 6557 Oct 26 12:59 1997 router/source/cqdrrerp.f  
-r--r--r-- 1000/100 5915 Oct 26 12:59 1997 router/source/cqdrrerv.f  
-r--r--r-- 1000/100 4743 Oct 26 12:59 1997 router/source/cqdreth.f  
-r--r--r-- 1000/100 4746 Oct 26 12:59 1997 router/source/cqdrewd.f  
-r--r--r-- 1000/100 4607 Oct 6 14:04 1997 router/source/CQCREVN  
-r--r--r-- 1000/100 5447 Oct 26 12:59 1997 router/source/cqdrexb.f  
-r--r--r-- 1000/100 7771 Oct 26 12:59 1997 router/source/cqdrexg.f  
-r--r--r-- 1000/100 4374 Oct 26 12:59 1997 router/source/cqdrexk.f  
-r--r--r-- 1000/100 5032 Oct 26 12:59 1997 router/source/cqdrexl.f  
-r--r--r-- 1000/100 8082 Oct 26 12:59 1997 router/source/cqdrexp.f  
-r--r--r-- 1000/100 6823 Oct 26 12:59 1997 router/source/cqdrexv.f  
-r--r--r-- 1000/100 5358 Oct 26 12:59 1997 router/source/cqdrrfan.f  
-r--r--r-- 1000/100 3751 Oct 26 12:59 1997 router/source/cqdrrffs.f  
-r--r--r-- 1000/100 5951 Oct 26 12:59 1997 router/source/cqdrgfn.f  
-r--r--r-- 1000/100 6024 Oct 26 12:59 1997 router/source/cqdrrfia.f  
-r--r--r-- 1000/100 6053 Oct 26 12:59 1997 router/source/cqdrrfip.f  
-r--r--r-- 1000/100 6906 Oct 26 12:59 1997 router/source/cqdrrfr.f  
-r--r--r-- 1000/100 4218 Oct 26 12:59 1997 router/source/cqdrgad.f  
-r--r--r-- 1000/100 1418 Oct 6 14:04 1997 router/source/CQCRTLV  
-r--r--r-- 1000/100 2354 Oct 6 14:04 1997 router/source/CQCSAVE  
-r--r--r-- 1000/100 7043 Oct 6 14:04 1997 router/source/CQCRTYC  
-r--r--r-- 1000/100 4157 Oct 26 12:59 1997 router/source/cqdrgag.f  
-r--r--r-- 1000/100 5578 Oct 26 12:59 1997 router/source/cqdrgal.f  
-r--r--r-- 1000/100 4062 Oct 26 12:59 1997 router/source/cqdrgas.f  
-r--r--r-- 1000/100 4055 Oct 26 12:59 1997 router/source/cqdrgaw.f  
-r--r--r-- 1000/100 3451 Oct 26 12:59 1997 router/source/cqdrgbaf.f  
-r--r--r-- 1000/100 4180 Oct 26 12:59 1997 router/source/cqdrgbf.f  
-r--r--r-- 1000/100 4116 Oct 26 12:59 1997 router/source/cqdrgbk.f  
-r--r--r-- 1000/100 4202 Oct 26 12:59 1997 router/source/cqdrgcg.f  
-r--r--r-- 1000/100 5329 Oct 26 12:59 1997 router/source/cqdrgcl.f  
-r--r--r-- 1000/100 1693 Oct 6 14:04 1997 router/source/CQCSCDC  
-r--r--r-- 1000/100 3999 Oct 6 14:04 1997 router/source/CQCSTV  
-r--r--r-- 1000/100 902 Oct 6 14:04 1997 router/source/CQCSCKN  
-r--r--r-- 1000/100 11658 Oct 6 14:04 1997 router/source/CQCSDF  
-r--r--r-- 1000/100 6457 Oct 6 14:04 1997 router/source/CQCSDC  
-r--r--r-- 1000/100 2580 Oct 6 14:04 1997 router/source/CQCSECN  
-r--r--r-- 1000/100 4747 Oct 6 14:04 1997 router/source/CQCSED  
-r--r--r-- 1000/100 1537 Oct 6 14:04 1997 router/source/CQCSEAI  
-r--r--r-- 1000/100 7491 Oct 6 14:04 1997 router/source/CQCSEXL  
-r--r--r-- 1000/100 4175 Oct 6 14:04 1997 router/source/CQCSERD  
-r--r--r-- 1000/100 1366 Oct 6 14:04 1997 router/source/CQCSENR

-r--r--r-- 1000/100 1344 Oct 6 14:04 1997 router/source/CQCSGER  
-r--r--r-- 1000/100 3571 Oct 6 14:04 1997 router/source/CQCSFDF  
-r--r--r-- 1000/100 9031 Oct 6 14:04 1997 router/source/CQCSEPM  
-r--r--r-- 1000/100 2675 Oct 6 14:04 1997 router/source/CQCSGIF  
-r--r--r-- 1000/100 5695 Oct 26 12:59 1997 router/source/cqdrger.f  
-r--r--r-- 1000/100 8551 Oct 26 12:59 1997 router/source/cqdrgd.f  
-r--r--r-- 1000/100 5086 Oct 26 12:59 1997 router/source/cqdrgd.f  
-r--r--r-- 1000/100 4676 Oct 26 12:59 1997 router/source/cqdrgec.f  
-r--r--r-- 1000/100 5463 Oct 26 12:59 1997 router/source/cqdrger.f  
-r--r--r-- 1000/100 4188 Oct 26 12:59 1997 router/source/cqdrges.f  
-r--r--r-- 1000/100 5620 Oct 26 12:59 1997 router/source/cqdrgex.f  
-r--r--r-- 1000/100 4015 Oct 26 12:59 1997 router/source/cqdrggc.f  
-r--r--r-- 1000/100 5184 Oct 26 12:59 1997 router/source/cqdrggd.f  
-r--r--r-- 1000/100 5466 Oct 26 12:59 1997 router/source/cqdrggr.f  
-r--r--r-- 1000/100 4285 Oct 26 12:59 1997 router/source/cqdrggt.f  
-r--r--r-- 1000/100 3483 Oct 26 12:59 1997 router/source/cqdrggy.f  
-r--r--r-- 1000/100 4318 Oct 26 12:59 1997 router/source/cqdrgig.f  
-r--r--r-- 1000/100 7409 Oct 26 12:59 1997 router/source/cqdrgii.f  
-r--r--r-- 1000/100 4625 Oct 26 12:59 1997 router/source/cqdrgil.f  
-r--r--r-- 1000/100 5439 Oct 26 12:59 1997 router/source/cqdrgim.f  
-r--r--r-- 1000/100 5583 Oct 26 12:59 1997 router/source/cqdrgir.f  
-r--r--r-- 1000/100 8657 Oct 26 12:59 1997 router/source/cqdrgit.f  
-r--r--r-- 1000/100 5353 Oct 26 12:59 1997 router/source/cqdrgko.f  
-r--r--r-- 1000/100 7496 Oct 26 12:59 1997 router/source/cqdrgli.f  
-r--r--r-- 1000/100 4151 Oct 26 12:59 1997 router/source/cqdrglp.f  
-r--r--r-- 1000/100 4004 Oct 26 12:59 1997 router/source/cqdrgmc.f  
-r--r--r-- 1000/100 4410 Oct 26 12:59 1997 router/source/cqdrgms.f  
-r--r--r-- 1000/100 3622 Oct 26 12:59 1997 router/source/cqdrgnx.f  
-r--r--r-- 1000/100 4315 Oct 26 13:00 1997 router/source/cqdrgpi.f  
-r--r--r-- 1000/100 3561 Oct 26 13:00 1997 router/source/cqdrgpn.f  
-r--r--r-- 1000/100 4346 Oct 26 13:00 1997 router/source/cqdrgpt.f  
-r--r--r-- 1000/100 5403 Oct 26 13:00 1997 router/source/cqdrgrb.f  
-r--r--r-- 1000/100 7619 Oct 26 13:00 1997 router/source/cqdrgrg.f  
-r--r--r-- 1000/100 6957 Oct 26 13:00 1997 router/source/cqdrgri.f  
-r--r--r-- 1000/100 4369 Oct 26 13:00 1997 router/source/cqdrgrk.f  
-r--r--r-- 1000/100 4996 Oct 26 13:00 1997 router/source/cqdrgrl.f  
-r--r--r-- 1000/100 5726 Oct 26 13:00 1997 router/source/cqdrgrn.f  
-r--r--r-- 1000/100 4690 Oct 26 13:00 1997 router/source/cqdrgro.f  
-r--r--r-- 1000/100 8600 Oct 26 13:00 1997 router/source/cqdrgrp.f  
-r--r--r-- 1000/100 4066 Oct 26 13:00 1997 router/source/cqdrgrs.f  
-r--r--r-- 1000/100 6030 Oct 26 13:00 1997 router/source/cqdrgrv.f  
-r--r--r-- 1000/100 3971 Oct 26 13:00 1997 router/source/cqdrgsa.f  
-r--r--r-- 1000/100 6268 Oct 26 13:00 1997 router/source/cqdrgtb.f  
-r--r--r-- 1000/100 4348 Oct 26 13:00 1997 router/source/cqdrgte.f  
-r--r--r-- 1000/100 5346 Oct 26 13:00 1997 router/source/cqdrgth.f  
-r--r--r-- 1000/100 4315 Oct 26 13:00 1997 router/source/cqdrgtk.f  
-r--r--r-- 1000/100 4533 Oct 26 13:00 1997 router/source/cqdrgtl.f  
-r--r--r-- 1000/100 8888 Oct 26 13:00 1997 router/source/cqdrgtp.f  
-r--r--r-- 1000/100 4655 Oct 6 14:04 1997 router/source/CQCSPV  
-r--r--r-- 1000/100 8731 Oct 26 13:00 1997 router/source/cqdrgtr.f  
-r--r--r-- 1000/100 1946 Oct 6 14:04 1997 router/source/CQCSRIF  
-r--r--r-- 1000/100 1564 Oct 6 14:04 1997 router/source/CQCST2

-r--r--r-- 1000/100 3390 Oct 6 14:04 1997 router/source/CQCSTRN  
-r--r--r-- 1000/100 8619 Oct 6 14:04 1997 router/source/CQCSRNC  
-r--r--r-- 1000/100 6051 Oct 6 14:04 1997 router/source/CQCSTR  
-r--r--r-- 1000/100 5023 Oct 6 14:04 1997 router/source/CQCTHRT  
-r--r--r-- 1000/100 3656 Oct 6 14:04 1997 router/source/CQCTEXP  
-r--r--r-- 1000/100 1053 Oct 6 14:04 1997 router/source/CQCTDAT  
-r--r--r-- 1000/100 5456 Oct 6 14:04 1997 router/source/CQCSWP  
-r--r--r-- 1000/100 5521 Oct 6 14:04 1997 router/source/CQCTMF  
-r--r--r-- 1000/100 7969 Oct 6 14:04 1997 router/source/CQCTMP  
-r--r--r-- 1000/100 6412 Oct 6 14:04 1997 router/source/CQCTOCM  
-r--r--r-- 1000/100 4097 Oct 26 13:00 1997 router/source/cqdrgtt.f  
-r--r--r-- 1000/100 1555 Oct 6 14:04 1997 router/source/CQCTRPT  
-r--r--r-- 1000/100 4359 Oct 6 14:04 1997 router/source/CQCTRRC  
-r--r--r-- 1000/100 4933 Oct 26 13:00 1997 router/source/cqdrgtu.f  
-r--r--r-- 1000/100 11513 Oct 26 13:00 1997 router/source/cqdrgtv.f  
-r--r--r-- 1000/100 12439 Oct 26 13:00 1997 router/source/cqdrgui.f  
-r--r--r-- 1000/100 4365 Oct 26 13:00 1997 router/source/cqdrgvf.f  
-r--r--r-- 1000/100 4029 Oct 26 13:00 1997 router/source/cqdrgvs.f  
-r--r--r-- 1000/100 5428 Oct 26 13:00 1997 router/source/cqdrgwd.f  
-r--r--r-- 1000/100 4059 Oct 26 13:00 1997 router/source/cqdrgwg.f  
-r--r--r-- 1000/100 4661 Oct 26 13:00 1997 router/source/cqdrgwi.f  
-r--r--r-- 1000/100 5875 Oct 26 13:00 1997 router/source/cqdrgwl.f  
-r--r--r-- 1000/100 4329 Oct 26 13:00 1997 router/source/cqdrgwt.f  
-r--r--r-- 1000/100 4892 Oct 26 13:00 1997 router/source/cqdrrhal.f  
-r--r--r-- 1000/100 4858 Oct 26 13:00 1997 router/source/cqdrrhcr.f  
-r--r--r-- 1000/100 4633 Oct 26 13:00 1997 router/source/cqdrrher.f  
-r--r--r-- 1000/100 4844 Oct 26 13:00 1997 router/source/cqdrrhex.f  
-r--r--r-- 1000/100 4843 Oct 26 13:00 1997 router/source/cqdrrhgr.f  
-r--r--r-- 1000/100 5057 Oct 26 13:00 1997 router/source/cqdrrhia.f  
-r--r--r-- 1000/100 4897 Oct 26 13:00 1997 router/source/cqdrrhim.f  
-r--r--r-- 1000/100 4953 Oct 26 13:00 1997 router/source/cqdrrhlc.f  
-r--r--r-- 1000/100 4956 Oct 26 13:00 1997 router/source/cqdrrhrc.f  
-r--r--r-- 1000/100 5179 Oct 26 13:00 1997 router/source/cqdrrhrp.f  
-r--r--r-- 1000/100 4852 Oct 26 13:00 1997 router/source/cqdrrhth.f  
-r--r--r-- 1000/100 4897 Oct 26 13:00 1997 router/source/cqdrrhwd.f  
-r--r--r-- 1000/100 4386 Oct 26 13:00 1997 router/source/cqdriak.f  
-r--r--r-- 1000/100 5162 Oct 26 13:00 1997 router/source/cqdrial.f  
-r--r--r-- 1000/100 5964 Oct 26 13:00 1997 router/source/cqdrian.f  
-r--r--r-- 1000/100 8449 Oct 26 13:00 1997 router/source/cqdriap.f  
-r--r--r-- 1000/100 4116 Oct 26 13:00 1997 router/source/cqdriax.f  
-r--r--r-- 1000/100 3783 Oct 26 13:00 1997 router/source/cqdriec.f  
-r--r--r-- 1000/100 5292 Oct 26 13:00 1997 router/source/cqdrimb.f  
-r--r--r-- 1000/100 7859 Oct 26 13:00 1997 router/source/cqdrimg.f  
-r--r--r-- 1000/100 4372 Oct 26 13:00 1997 router/source/cqdrimk.f  
-r--r--r-- 1000/100 5004 Oct 26 13:00 1997 router/source/cqdriml.f  
-r--r--r-- 1000/100 8192 Oct 26 13:00 1997 router/source/cqdrimp.f  
-r--r--r-- 1000/100 15531 Oct 26 13:00 1997 router/source/cqdrimv.f  
-r--r--r-- 1000/100 4137 Oct 26 13:00 1997 router/source/cqdriinn.f  
-r--r--r-- 1000/100 12789 Oct 26 13:00 1997 router/source/cqdriinp.f  
-r--r--r-- 1000/100 6994 Oct 26 13:00 1997 router/source/cqdrint.f  
-r--r--r-- 1000/100 4875 Oct 26 13:00 1997 router/source/cqdriird.f  
-r--r--r-- 1000/100 4608 Oct 26 13:00 1997 router/source/cqdrirg.f

-r--r--r-- 1000/100 4810 Oct 26 13:00 1997 router/source/cqdrirn.f  
-r--r--r-- 1000/100 4811 Oct 26 13:00 1997 router/source/cqdrirp.f  
-r--r--r-- 1000/100 4517 Oct 26 13:00 1997 router/source/cqdrkal.f  
-r--r--r-- 1000/100 4534 Oct 26 13:00 1997 router/source/cqdrkcr.f  
-r--r--r-- 1000/100 4523 Oct 26 13:00 1997 router/source/cqdrker.f  
-r--r--r-- 1000/100 1959 Oct 6 14:04 1997 router/source/CQCSIF  
-r--r--r-- 1000/100 1443 Oct 6 14:04 1997 router/source/CQCSLKN  
-r--r--r-- 1000/100 4513 Oct 26 13:00 1997 router/source/cqdrkex.f  
-r--r--r-- 1000/100 4511 Oct 26 13:00 1997 router/source/cqdrkgr.f  
-r--r--r-- 1000/100 4784 Oct 26 13:00 1997 router/source/cqdrkgf.f  
-r--r--r-- 1000/100 4573 Oct 26 13:00 1997 router/source/cqdrkia.f  
-r--r--r-- 1000/100 4484 Oct 26 13:00 1997 router/source/cqdrkim.f  
-r--r--r-- 1000/100 4451 Oct 26 13:00 1997 router/source/cqdrkkf.f  
-r--r--r-- 1000/100 4760 Oct 26 13:00 1997 router/source/cqdrkob.f  
-r--r--r-- 1000/100 7904 Oct 26 13:00 1997 router/source/cqdrkog.f  
-r--r--r-- 1000/100 2286 Oct 6 14:04 1997 router/source/CQCSLIF  
-r--r--r-- 1000/100 4405 Oct 26 13:00 1997 router/source/cqdrkok.f  
-r--r--r-- 1000/100 4993 Oct 26 13:00 1997 router/source/cqdrkol.f  
-r--r--r-- 1000/100 8318 Oct 26 13:00 1997 router/source/cqdrkop.f  
-r--r--r-- 1000/100 5513 Oct 26 13:00 1997 router/source/cqdrkp.f  
-r--r--r-- 1000/100 11287 Oct 26 13:00 1997 router/source/cqdrkrg.f  
-r--r--r-- 1000/100 1051 Oct 6 14:04 1997 router/source/CQCSDHN  
-r--r--r-- 1000/100 1139 Oct 6 14:04 1997 router/source/CQCSPRV  
-r--r--r-- 1000/100 1813 Oct 6 14:04 1997 router/source/CQCSIIF  
-r--r--r-- 1000/100 4881 Oct 26 13:00 1997 router/source/cqdrkrt.f  
-r--r--r-- 1000/100 4985 Oct 26 13:00 1997 router/source/cqdrkss.f  
-r--r--r-- 1000/100 4506 Oct 26 13:00 1997 router/source/cqdrkth.f  
-r--r--r-- 1000/100 4510 Oct 26 13:00 1997 router/source/cqdrkwd.f  
-r--r--r-- 1000/100 5270 Oct 26 13:00 1997 router/source/cqdrlc.f  
-r--r--r-- 1000/100 9036 Oct 6 14:04 1997 router/source/CQCVDL  
-r--r--r-- 1000/100 5340 Oct 6 14:04 1997 router/source/CQCTSPM  
-r--r--r-- 1000/100 2282 Oct 6 14:04 1997 router/source/CQCVFNCN  
-r--r--r-- 1000/100 2324 Oct 6 14:04 1997 router/source/CQCVP  
-r--r--r-- 1000/100 1659 Oct 6 14:04 1997 router/source/CQCWDAT  
-r--r--r-- 1000/100 23799 Oct 6 14:04 1997 router/source/CQCVP  
-r--r--r-- 1000/100 12178 Oct 6 14:04 1997 router/source/CQCWDKN  
-r--r--r-- 1000/100 1531 Oct 6 14:04 1997 router/source/CQCWDIC  
-r--r--r-- 1000/100 16293 Oct 6 14:04 1997 router/source/CQCWDRI  
-r--r--r-- 1000/100 3049 Oct 6 14:04 1997 router/source/CQCWND  
-r--r--r-- 1000/100 5078 Oct 26 13:00 1997 router/source/cqdrcl.f  
-r--r--r-- 1000/100 6939 Oct 26 13:00 1997 router/source/cqdrclcv.f  
-r--r--r-- 1000/100 6720 Oct 26 13:00 1997 router/source/cqdrclf.f  
-r--r--r-- 1000/100 3841 Oct 26 13:00 1997 router/source/cqdrln.f  
-r--r--r-- 1000/100 1363 Oct 8 19:22 1997 router/source/CQCWIND  
-r--r--r-- 1000/100 5924 Oct 26 13:00 1997 router/source/cqdrlle.f  
-r--r--r-- 1000/100 4835 Oct 26 13:00 1997 router/source/cqdrln.f  
-r--r--r-- 1000/100 10122 Oct 26 13:00 1997 router/source/cqdrlnr.f  
-r--r--r-- 1000/100 4893 Oct 26 13:00 1997 router/source/cqdrlp.f  
-r--r--r-- 1000/100 4454 Oct 26 13:00 1997 router/source/cqdrlrg.f  
-r--r--r-- 1000/100 4611 Oct 26 13:00 1997 router/source/cqdrlrp.f  
-r--r--r-- 1000/100 7311 Oct 26 13:00 1997 router/source/cqdrmia.f  
-r--r--r-- 1000/100 6957 Oct 26 13:00 1997 router/source/cqdrmrt.f

-r--r--r-- 1000/100 4780 Oct 26 13:00 1997 router/source/cqdrmsk.f  
-r--r--r-- 1000/100 4462 Oct 26 13:00 1997 router/source/cqdrmst.f  
-r--r--r-- 1000/100 4409 Oct 26 13:00 1997 router/source/cqdrmtk.f  
-r--r--r-- 1000/100 4369 Oct 26 13:00 1997 router/source/cqdrnal.f  
-r--r--r-- 1000/100 4336 Oct 26 13:00 1997 router/source/cqdrncl.f  
-r--r--r-- 1000/100 4325 Oct 26 13:00 1997 router/source/cqdrnrc.f  
-r--r--r-- 1000/100 3894 Oct 26 13:00 1997 router/source/cqdrner.f  
-r--r--r-- 1000/100 4359 Oct 26 13:00 1997 router/source/cqdrngr.f  
-r--r--r-- 1000/100 4513 Oct 26 13:00 1997 router/source/cqdrnia.f  
-r--r--r-- 1000/100 5288 Oct 26 13:00 1997 router/source/cqdrnrl.f  
-r--r--r-- 1000/100 3897 Oct 26 13:00 1997 router/source/cqdrnwdf.f  
-r--r--r-- 1000/100 4044 Oct 26 13:00 1997 router/source/cqdrpad.f  
-r--r--r-- 1000/100 3972 Oct 26 13:00 1997 router/source/cqdrpaf.f  
-r--r--r-- 1000/100 4000 Oct 26 13:00 1997 router/source/cqdrpag.f  
-r--r--r-- 1000/100 3872 Oct 26 13:00 1997 router/source/cqdrpas.f  
-r--r--r-- 1000/100 4062 Oct 26 13:00 1997 router/source/cqdrpbff.f  
-r--r--r-- 1000/100 7371 Oct 26 13:00 1997 router/source/cqdrpbgb.f  
-r--r--r-- 1000/100 3939 Oct 26 13:00 1997 router/source/cqdrpbkf.f  
-r--r--r-- 1000/100 7985 Oct 26 13:00 1997 router/source/cqdrpcif.f  
-r--r--r-- 1000/100 5035 Oct 26 13:00 1997 router/source/cqdrpcsf.f  
-r--r--r-- 1000/100 11549 Oct 6 14:04 1997 router/source/CQCWPN  
-r--r--r-- 1000/100 2730 Oct 6 14:04 1997 router/source/CQCWTNP  
-r--r--r-- 1000/100 4297 Oct 26 13:00 1997 router/source/cqdrpec.f  
-r--r--r-- 1000/100 2426 Oct 6 14:04 1997 router/source/CQCWTC  
-r--r--r-- 1000/100 2798 Oct 19 18:33 1997 router/source/CQCXCR  
-r--r--r-- 1000/100 2088 Oct 6 14:04 1997 router/source/CQCYKO  
-r--r--r-- 1000/100 2007 Oct 6 14:04 1997 router/source/CQCZMIE  
-r--r--r-- 1000/100 181 Oct 6 14:04 1997 router/source/CQZENDR  
-r--r--r-- 1000/100 706 Oct 6 14:04 1997 router/source/CQZDYAN  
-r--r--r-- 1000/100 43 Oct 6 14:04 1997 router/source/CQZDBUG  
-r--r--r-- 1000/100 90 Oct 6 14:04 1997 router/source/CQZMAGC  
-r--r--r-- 1000/100 170 Oct 6 14:04 1997 router/source/CQZMAGX  
-r--r--r-- 1000/100 386 Oct 6 14:04 1997 router/source/CQZSTRT  
-r--r--r-- 1000/100 4151 Oct 26 13:00 1997 router/source/cqdrpev.f  
-r--r--r-- 1000/100 3975 Oct 26 13:00 1997 router/source/cqdrpgc.f  
-r--r--r-- 1000/100 4177 Oct 26 13:00 1997 router/source/cqdrpgf.f  
-r--r--r-- 1000/100 3438 Oct 26 13:00 1997 router/source/cqdrpgv.f  
-r--r--r-- 1000/100 4023 Oct 26 13:00 1997 router/source/cqdrphk.f  
-r--r--r-- 1000/100 7053 Oct 26 13:00 1997 router/source/cqdrpii.f  
-r--r--r-- 1000/100 8590 Oct 26 13:00 1997 router/source/cqdrpit.f  
-r--r--r-- 1000/100 7516 Oct 26 13:00 1997 router/source/cqdrpli.f  
-r--r--r-- 1000/100 4145 Oct 26 13:00 1997 router/source/cqdrplp.f  
-r--r--r-- 1000/100 4030 Oct 26 13:00 1997 router/source/cqdrpms.f  
-r--r--r-- 1000/100 4032 Oct 26 13:00 1997 router/source/cqdrppk.f  
-r--r--r-- 1000/100 3481 Oct 26 13:00 1997 router/source/cqdrppn.f  
-r--r--r-- 1000/100 6982 Oct 26 13:00 1997 router/source/cqdrpri.f  
-r--r--r-- 1000/100 4807 Oct 26 13:00 1997 router/source/cqdrprl.f  
-r--r--r-- 1000/100 4536 Oct 26 13:00 1997 router/source/cqdrprv.f  
-r--r--r-- 1000/100 5035 Oct 26 13:00 1997 router/source/cqdrpsi.f  
-r--r--r-- 1000/100 4966 Oct 26 13:00 1997 router/source/cqdrpst.f  
-r--r--r-- 1000/100 4349 Oct 26 13:00 1997 router/source/cqdrptu.f  
-r--r--r-- 1000/100 4056 Oct 26 13:00 1997 router/source/cqdrpvf.f

-r--r--r-- 1000/100 4041 Oct 26 13:00 1997 router/source/cqdrpv.f  
-r--r--r-- 1000/100 4312 Oct 26 13:00 1997 router/source/cqdrpwg.f  
-r--r--r-- 1000/100 5924 Oct 26 13:00 1997 router/source/cqdrqal.f  
-r--r--r-- 1000/100 5070 Oct 26 13:00 1997 router/source/cqdrqan.f  
-r--r--r-- 1000/100 9401 Oct 26 13:00 1997 router/source/cqdrqar.f  
-r--r--r-- 1000/100 8588 Oct 26 13:00 1997 router/source/cqdrqas.f  
-r--r--r-- 1000/100 12154 Oct 26 13:00 1997 router/source/cqdrqcr.f  
-r--r--r-- 1000/100 5721 Oct 26 13:00 1997 router/source/cqdrqcs.f  
-r--r--r-- 1000/100 5342 Oct 26 13:00 1997 router/source/cqdrqct.f  
-r--r--r-- 1000/100 5382 Oct 26 13:00 1997 router/source/cqdrqes.f  
-r--r--r-- 1000/100 6437 Oct 26 13:00 1997 router/source/cqdrqex.f  
-r--r--r-- 1000/100 6122 Oct 26 13:00 1997 router/source/cqdrqgr.f  
-r--r--r-- 1000/100 6000 Oct 26 13:00 1997 router/source/cqdrqia.f  
-r--r--r-- 1000/100 6035 Oct 26 13:00 1997 router/source/cqdrqim.f  
-r--r--r-- 1000/100 11103 Oct 26 13:00 1997 router/source/cqdrqlc.f  
-r--r--r-- 1000/100 5454 Oct 26 13:00 1997 router/source/cqdrqlt.f  
-r--r--r-- 1000/100 11143 Oct 26 13:00 1997 router/source/cqdrqrc.f  
-r--r--r-- 1000/100 3951 Oct 26 13:00 1997 router/source/cqdrqrdf.f  
-r--r--r-- 1000/100 4726 Oct 26 13:00 1997 router/source/cqdrqrif.f  
-r--r--r-- 1000/100 5957 Oct 26 13:00 1997 router/source/cqdrqrn.f  
-r--r--r-- 1000/100 5152 Oct 26 13:00 1997 router/source/cqdrqrss.f  
-r--r--r-- 1000/100 5445 Oct 26 13:00 1997 router/source/cqdrqrtr.f  
-r--r--r-- 1000/100 3564 Oct 26 13:00 1997 router/source/cqdrqsdf.f  
-r--r--r-- 1000/100 8115 Oct 26 13:00 1997 router/source/cqdrqth.f  
-r--r--r-- 1000/100 6573 Oct 26 13:00 1997 router/source/cqdrqun.f  
-r--r--r-- 1000/100 5342 Oct 26 13:00 1997 router/source/cqdrrcb.f  
-r--r--r-- 1000/100 5238 Oct 26 13:00 1997 router/source/cqdrrcl.f  
-r--r--r-- 1000/100 6966 Oct 26 13:00 1997 router/source/cqdrrcv.f  
-r--r--r-- 1000/100 15499 Oct 26 13:00 1997 router/source/cqdrrds.f  
-r--r--r-- 1000/100 4971 Oct 26 13:00 1997 router/source/cqdrrid.f  
-r--r--r-- 1000/100 4556 Oct 26 13:00 1997 router/source/cqdrrko.f  
-r--r--r-- 1000/100 7441 Oct 26 13:00 1997 router/source/cqdrrng.f  
-r--r--r-- 1000/100 4464 Oct 26 13:00 1997 router/source/cqdrrrg.f  
-r--r--r-- 1000/100 4694 Oct 26 13:00 1997 router/source/cqdrrrp.f  
-r--r--r-- 1000/100 5879 Oct 26 13:00 1997 router/source/cqdrrsg.f  
-r--r--r-- 1000/100 8336 Oct 26 13:00 1997 router/source/cqdrrsv.f  
-r--r--r-- 1000/100 10308 Oct 26 13:00 1997 router/source/cqdrrtg.f  
-r--r--r-- 1000/100 6975 Oct 6 14:04 1997 router/source/CQCWPAR  
-r--r--r-- 1000/100 4333 Oct 26 13:00 1997 router/source/cqdrrtk.f  
-r--r--r-- 1000/100 10047 Oct 26 13:00 1997 router/source/cqdrrtp.f  
-r--r--r-- 1000/100 13400 Oct 26 13:00 1997 router/source/cqdrrtv.f  
-r--r--r-- 1000/100 4778 Oct 26 13:00 1997 router/source/cqdrrsal.f  
-r--r--r-- 1000/100 4821 Oct 26 13:00 1997 router/source/cqdrrscr.f  
-r--r--r-- 1000/100 4460 Oct 26 13:00 1997 router/source/cqdrrser.f  
-r--r--r-- 1000/100 4764 Oct 26 13:00 1997 router/source/cqdrrsex.f  
-r--r--r-- 1000/100 3166 Oct 26 13:01 1997 router/source/datim.f  
-r--r--r-- 1000/100 4718 Oct 26 13:00 1997 router/source/cqdrrsgr.f  
-r--r--r-- 1000/100 4878 Oct 26 13:00 1997 router/source/cqdrrsgt.f  
-r--r--r-- 1000/100 9533 Oct 26 13:00 1997 router/source/cqdrrshs.f  
-r--r--r-- 1000/100 4819 Oct 26 13:00 1997 router/source/cqdrrsia.f  
-r--r--r-- 1000/100 3827 Oct 26 13:00 1997 router/source/cqdrrsim.f  
-r--r--r-- 1000/100 11291 Oct 26 13:00 1997 router/source/cqdrrsio.f

-r--r--r-- 1000/100 4695 Oct 26 13:00 1997 router/source/cqdrsksk.f  
-r--r--r-- 1000/100 4847 Oct 26 13:00 1997 router/source/cqdrslc.f  
-r--r--r-- 1000/100 4292 Oct 26 13:00 1997 router/source/cqdrslk.f  
-r--r--r-- 1000/100 5072 Oct 26 13:00 1997 router/source/cqdrsmr.f  
-r--r--r-- 1000/100 4528 Oct 26 13:00 1997 router/source/cqdrspr.f  
-r--r--r-- 1000/100 4752 Oct 26 13:00 1997 router/source/cqdrsrc.f  
-r--r--r-- 1000/100 4823 Oct 26 13:00 1997 router/source/cqdrsth.f  
-r--r--r-- 1000/100 5113 Oct 26 13:00 1997 router/source/cqdrstr.f  
-r--r--r-- 1000/100 5140 Oct 26 13:00 1997 router/source/cqdrsun.f  
-r--r--r-- 1000/100 4269 Oct 26 13:00 1997 router/source/cqdrtap.f  
-r--r--r-- 1000/100 4436 Oct 26 13:00 1997 router/source/cqdrtcr.f  
-r--r--r-- 1000/100 4814 Oct 26 13:00 1997 router/source/cqdrtex.f  
-r--r--r-- 1000/100 5275 Oct 26 13:00 1997 router/source/cqdrtbh.f  
-r--r--r-- 1000/100 8288 Oct 26 13:00 1997 router/source/cqdrtwg.f  
-r--r--r-- 1000/100 4344 Oct 26 13:00 1997 router/source/cqdrtwk.f  
-r--r--r-- 1000/100 5040 Oct 26 13:00 1997 router/source/cqdrtlh.f  
-r--r--r-- 1000/100 8488 Oct 26 13:00 1997 router/source/cqdrthp.f  
-r--r--r-- 1000/100 7226 Oct 26 13:00 1997 router/source/cqdrtvh.f  
-r--r--r-- 1000/100 5451 Oct 26 13:00 1997 router/source/cqdrtmx.f  
-r--r--r-- 1000/100 4886 Oct 26 13:00 1997 router/source/cqdrttrt.f  
-r--r--r-- 1000/100 4734 Oct 26 13:00 1997 router/source/cqdrual.f  
-r--r--r-- 1000/100 4891 Oct 26 13:00 1997 router/source/cqdrucl.f  
-r--r--r-- 1000/100 4740 Oct 26 13:00 1997 router/source/cqdrugr.f  
-r--r--r-- 1000/100 4705 Oct 26 13:00 1997 router/source/cqdruia.f  
-r--r--r-- 1000/100 4017 Oct 26 13:00 1997 router/source/cqdruim.f  
-r--r--r-- 1000/100 4758 Oct 26 13:00 1997 router/source/cqdruko.f  
-r--r--r-- 1000/100 4912 Oct 26 13:00 1997 router/source/cqdrulc.f  
-r--r--r-- 1000/100 4921 Oct 26 13:00 1997 router/source/cqdrurc.f  
-r--r--r-- 1000/100 4924 Oct 26 13:00 1997 router/source/cqdrtuth.f  
-r--r--r-- 1000/100 4833 Oct 26 13:00 1997 router/source/cqdruun.f  
-r--r--r-- 1000/100 9503 Oct 26 13:00 1997 router/source/cqdrvam.f  
-r--r--r-- 1000/100 3839 Oct 26 13:00 1997 router/source/cqdrvav.f  
-r--r--r-- 1000/100 10404 Oct 26 13:00 1997 router/source/cqdrvbc.f  
-r--r--r-- 1000/100 7552 Oct 26 13:00 1997 router/source/cqdrvcr.f  
-r--r--r-- 1000/100 7134 Oct 26 13:00 1997 router/source/cqdrvcs.f  
-r--r--r-- 1000/100 5197 Oct 26 13:00 1997 router/source/cqdrtver.f  
-r--r--r-- 1000/100 6074 Oct 26 13:00 1997 router/source/cqdrtvex.f  
-r--r--r-- 1000/100 5421 Oct 26 13:00 1997 router/source/cqdrtvgr.f  
-r--r--r-- 1000/100 12726 Oct 26 13:00 1997 router/source/cqdrtvgt.f  
-r--r--r-- 1000/100 5789 Oct 26 13:00 1997 router/source/cqdrtvia.f  
-r--r--r-- 1000/100 11543 Oct 26 13:00 1997 router/source/cqdrtvim.f  
-r--r--r-- 1000/100 4892 Oct 26 13:00 1997 router/source/cqdrtvko.f  
-r--r--r-- 1000/100 5579 Oct 26 13:00 1997 router/source/cqdrtvkpf  
-r--r--r-- 1000/100 7653 Oct 26 13:00 1997 router/source/cqdrtvlc.f  
-r--r--r-- 1000/100 10855 Oct 26 13:00 1997 router/source/cqdrtvma.f  
-r--r--r-- 1000/100 6076 Oct 26 13:00 1997 router/source/cqdrtvnd.f  
-r--r--r-- 1000/100 7344 Oct 26 13:00 1997 router/source/cqdrtvrc.f  
-r--r--r-- 1000/100 7763 Oct 26 13:00 1997 router/source/cqdrtvrs.f  
-r--r--r-- 1000/100 10064 Oct 26 13:00 1997 router/source/cqdrtvrt.f  
-r--r--r-- 1000/100 4226 Oct 26 13:00 1997 router/source/cqdrtvsl.f  
-r--r--r-- 1000/100 7140 Oct 26 13:00 1997 router/source/cqdrtvth.f  
-r--r--r-- 1000/100 4910 Oct 26 13:00 1997 router/source/cqdrtvts.f

-r--r--r-- 1000/100 8825 Oct 26 13:00 1997 router/source/cqdrvwd.f  
-r--r--r-- 1000/100 5787 Oct 26 13:00 1997 router/source/cqdrwdb.f  
-r--r--r-- 1000/100 8110 Oct 26 13:00 1997 router/source/cqdrwdg.f  
-r--r--r-- 1000/100 4462 Oct 26 13:00 1997 router/source/cqdrwdk.f  
-r--r--r-- 1000/100 5048 Oct 26 13:00 1997 router/source/cqdrwdl.f  
-r--r--r-- 1000/100 8406 Oct 26 13:00 1997 router/source/cqdrwdp.f  
-r--r--r-- 1000/100 10530 Oct 26 13:00 1997 router/source/cqdrwdv.f  
-r--r--r-- 1000/100 3624 Oct 26 13:00 1997 router/source/cqdrwec.f  
-r--r--r-- 1000/100 3587 Oct 26 13:00 1997 router/source/cqdrwi8.f  
-r--r--r-- 1000/100 7095 Oct 26 13:00 1997 router/source/cqdrwng.f  
-r--r--r-- 1000/100 4228 Oct 26 13:00 1997 router/source/cqdrwpn.f  
-r--r--r-- 1000/100 5167 Oct 26 13:00 1997 router/source/cqdrwrk.f  
-r--r--r-- 1000/100 4586 Oct 26 13:00 1997 router/source/cqdryko.f  
-r--r--r-- 1000/100 5536 Oct 26 13:00 1997 router/source/cqdryrt.f  
-r--r--r-- 1000/100 4520 Oct 26 13:00 1997 router/source/cqdryth.f  
-r--r--r-- 1000/100 4619 Oct 26 13:00 1997 router/source/cqdrzal.f  
-r--r--r-- 1000/100 4757 Oct 26 13:00 1997 router/source/cqdrzcr.f  
-r--r--r-- 1000/100 4102 Oct 26 13:00 1997 router/source/cqdrzer.f  
-r--r--r-- 1000/100 4701 Oct 26 13:00 1997 router/source/cqdrzex.f  
-r--r--r-- 1000/100 4656 Oct 26 13:00 1997 router/source/cqdrzgr.f  
-r--r--r-- 1000/100 4571 Oct 26 13:00 1997 router/source/cqdrzgt.f  
-r--r--r-- 1000/100 4737 Oct 26 13:00 1997 router/source/cqdrzia.f  
-r--r--r-- 1000/100 4647 Oct 26 13:00 1997 router/source/cqdrzim.f  
-r--r--r-- 1000/100 4813 Oct 26 13:00 1997 router/source/cqdrzko.f  
-r--r--r-- 1000/100 4568 Oct 26 13:00 1997 router/source/cqdrzmt.f  
-r--r--r-- 1000/100 6109 Oct 26 13:00 1997 router/source/cqdrzrt.f  
-r--r--r-- 1000/100 4537 Oct 26 13:00 1997 router/source/cqdrzsl.f  
-r--r--r-- 1000/100 4713 Oct 26 13:00 1997 router/source/cqdrzth.f  
-r--r--r-- 1000/100 4938 Oct 26 13:00 1997 router/source/cqdrzwd.f  
-r--r--r-- 1000/100 11269 Oct 26 13:00 1997 router/source/cqdsexp.f  
-r--r--r-- 1000/100 5337 Oct 26 13:00 1997 router/source/cqdsgct.f  
-r--r--r-- 1000/100 6864 Oct 26 13:00 1997 router/source/cqdsopt.f  
-r--r--r-- 1000/100 4236 Oct 26 13:00 1997 router/source/cqdspft.f  
-r--r--r-- 1000/100 4168 Oct 26 13:00 1997 router/source/cqdsphd.f  
-r--r--r-- 1000/100 15820 Oct 26 13:00 1997 router/source/cqdsrda.f  
-r--r--r-- 1000/100 6634 Oct 26 13:00 1997 router/source/cqdsrep.f  
-r--r--r-- 1000/100 3850 Oct 26 13:00 1997 router/source/cqdsrhd.f  
-rw--r--r-- 1000/100 17690 Oct 26 14:21 1997 router/source/cqdsrpd.f  
-r--r--r-- 1000/100 8708 Oct 26 13:00 1997 router/source/cqdsshd.f  
-r--r--r-- 1000/100 8325 Oct 26 13:00 1997 router/source/cqdsstr.f  
-r--r--r-- 1000/100 6200 Oct 26 13:00 1997 router/source/cqdstgt.f  
-r--r--r-- 1000/100 10012 Oct 26 13:00 1997 router/source/cqdstat.f  
-r--r--r-- 1000/100 11031 Oct 26 13:00 1997 router/source/cqdstm.f  
-r--r--r-- 1000/100 16543 Oct 26 13:00 1997 router/source/cqdtodm.f  
-r--r--r-- 1000/100 23590 Oct 26 13:00 1997 router/source/cqduacw.f  
-r--r--r-- 1000/100 6129 Oct 26 13:00 1997 router/source/cqdualt.f  
-r--r--r-- 1000/100 4586 Oct 26 13:00 1997 router/source/cqduarc.f  
-r--r--r-- 1000/100 25038 Oct 26 13:00 1997 router/source/cqduaut.f  
-r--r--r-- 1000/100 7235 Oct 26 13:00 1997 router/source/cqdubat.f  
-r--r--r-- 1000/100 18133 Oct 26 13:00 1997 router/source/cqduarc.f  
-r--r--r-- 1000/100 11269 Oct 26 13:00 1997 router/source/cqducscd.f  
-r--r--r-- 1000/100 3371 Oct 26 13:00 1997 router/source/cqductm.f

-r--r--r-- 1000/100 9154 Oct 26 13:00 1997 router/source/cqdug2a.f  
-r--r--r-- 1000/100 4684 Oct 26 13:00 1997 router/source/cqdugdt.f  
-r--r--r-- 1000/100 3679 Oct 26 13:00 1997 router/source/cqduhdr.f  
-r--r--r-- 1000/100 4844 Oct 26 13:00 1997 router/source/cqduicb.f  
-r--r--r-- 1000/100 7350 Oct 26 13:00 1997 router/source/cqduigd.f  
-r--r--r-- 1000/100 709 Oct 26 13:00 1997 router/source/cqdumpd.f  
-r--r--r-- 1000/100 19916 Oct 26 13:00 1997 router/source/cqdupdd.f  
-r--r--r-- 1000/100 7953 Oct 26 13:00 1997 router/source/cqdupit.f  
-r--r--r-- 1000/100 24706 Oct 26 13:00 1997 router/source/cqdurad.f  
-r--r--r-- 1000/100 11351 Oct 26 13:00 1997 router/source/cqdurcs.f  
-r--r--r-- 1000/100 7886 Oct 26 13:00 1997 router/source/cqdurko.f  
-r--r--r-- 1000/100 12450 Oct 26 13:00 1997 router/source/cqdurtr.f  
-r--r--r-- 1000/100 10599 Oct 26 13:00 1997 router/source/cqdusam.f  
-r--r--r-- 1000/100 16666 Oct 26 13:00 1997 router/source/cqduspv.f  
-r--r--r-- 1000/100 7776 Oct 26 13:00 1997 router/source/cqdutmd.f  
-r--r--r-- 1000/100 10832 Oct 26 13:00 1997 router/source/cqdutnm.f  
-r--r--r-- 1000/100 9088 Oct 26 13:00 1997 router/source/cqdutsd.f  
-r--r--r-- 1000/100 8261 Oct 26 13:00 1997 router/source/cqu3dbi.f  
-r--r--r-- 1000/100 5054 Oct 26 13:00 1997 router/source/cquccc.f  
-r--r--r-- 1000/100 5559 Oct 26 13:00 1997 router/source/cqucfl.f  
-r--r--r-- 1000/100 5361 Oct 26 13:00 1997 router/source/cqucrc.f  
-r--r--r-- 1000/100 6091 Oct 26 13:00 1997 router/source/cqucvll.f  
-r--r--r-- 1000/100 4961 Oct 26 13:00 1997 router/source/cqucwd.f  
-r--r--r-- 1000/100 8503 Oct 26 13:00 1997 router/source/cqudbc.f  
-r--r--r-- 1000/100 6667 Oct 26 13:00 1997 router/source/cqudcf.f  
-r--r--r-- 1000/100 5213 Oct 26 13:00 1997 router/source/cqudim.f  
-r--r--r-- 1000/100 2818 Oct 26 13:00 1997 router/source/cqudpnf.f  
-r--r--r-- 1000/100 3859 Oct 26 13:00 1997 router/source/cqudrd.f  
-r--r--r-- 1000/100 6221 Oct 26 13:00 1997 router/source/cqudwd.f  
-r--r--r-- 1000/100 4854 Oct 26 13:00 1997 router/source/cquecon.f  
-r--r--r-- 1000/100 6214 Oct 26 13:00 1997 router/source/cquediv.f  
-r--r--r-- 1000/100 3452 Oct 26 13:00 1997 router/source/cquendr.f  
-r--r--r-- 1000/100 4105 Oct 26 13:00 1997 router/source/cquenst.f  
-r--r--r-- 1000/100 7972 Oct 26 13:00 1997 router/source/cquerf.f  
-r--r--r-- 1000/100 3996 Oct 26 13:00 1997 router/source/cquerf.f  
-r--r--r-- 1000/100 18402 Oct 26 13:00 1997 router/source/cquers.f  
-r--r--r-- 1000/100 6220 Oct 26 13:00 1997 router/source/cqueses.f  
-r--r--r-- 1000/100 9510 Oct 26 13:00 1997 router/source/cquesub.f  
-r--r--r-- 1000/100 5526 Oct 26 13:00 1997 router/source/cquewrm.f  
-r--r--r-- 1000/100 9158 Oct 26 13:00 1997 router/source/cquewrt.f  
-r--r--r-- 1000/100 5043 Oct 26 13:00 1997 router/source/cqufer.f  
-r--r--r-- 1000/100 13013 Oct 26 13:00 1997 router/source/cqufun.f  
-r--r--r-- 1000/100 3798 Oct 26 13:00 1997 router/source/cqugoth.f  
-r--r--r-- 1000/100 4634 Oct 26 13:00 1997 router/source/cqugrte.f  
-r--r--r-- 1000/100 6479 Oct 26 13:00 1997 router/source/cqugun.f  
-r--r--r-- 1000/100 4999 Oct 26 13:00 1997 router/source/cquinch.f  
-r--r--r-- 1000/100 8904 Oct 26 13:00 1997 router/source/cquisrt.f  
-r--r--r-- 1000/100 3943 Oct 26 13:00 1997 router/source/cqlurd.f  
-r--r--r-- 1000/100 5300 Oct 26 13:00 1997 router/source/cqumagx.f  
-r--r--r-- 1000/100 7227 Oct 26 13:00 1997 router/source/cquprnt.f  
-r--r--r-- 1000/100 6286 Oct 26 13:00 1997 router/source/cqurbeg.f  
-r--r--r-- 1000/100 3451 Oct 26 13:00 1997 router/source/cqurcls.f

```
-r--r--- 1000/100 3158 Oct 26 13:00 1997 router/source/cqurend.f
-r--r--- 1000/100 7405 Oct 26 13:00 1997 router/source/cqurgsk.f
-r--r--- 1000/100 3464 Oct 26 13:00 1997 router/source/cqurid.f
-r--r--- 1000/100 4353 Oct 26 13:00 1997 router/source/cqurii.f
-r--r--- 1000/100 2734 Oct 26 13:00 1997 router/source/cqurint.f
-r--r--- 1000/100 13637 Oct 26 13:00 1997 router/source/cqurpe.f
-r--r--- 1000/100 7016 Oct 26 13:00 1997 router/source/cqurstr.f
-r--r--- 1000/100 6297 Oct 26 13:00 1997 router/source/cquslft.f
-r--r--- 1000/100 9016 Oct 26 13:00 1997 router/source/cqusort.f
-r--r--- 1000/100 4373 Oct 26 13:00 1997 router/source/cqustop.f
-r--r--- 1000/100 4388 Oct 26 13:01 1997 router/source/cqustr.f
-r--r--- 1000/100 2751 Oct 6 14:05 1997 router/source/CQCFSIM
-r--r--- 1000/100 1594 Oct 19 18:35 1997 router/source/CQCUAV
-rwxr--- 1000/100 44696 Oct 26 11:59 1997 router/source/Build_router_HP_f77
-r--r--- 1000/100 3386 Oct 19 18:35 1997 router/source/li.c
-rwxr--- 1000/100 44521 Oct 26 13:22 1997 router/source/Build_router_Sun_f77
```

#### Third tar file:

```
-rwxr-xr-x 1000/100 98825 Sep 3 09:33 1997 ds_client
-rwxr-xr-x 1000/100 153339 Aug 19 13:30 1997 if_driver
-rwxr-xr-x 0/1 359 Oct 22 13:22 1997 run_client
-rwxr-xr-x 0/1 379 Oct 22 13:12 1997 run_ds
-rwxr-xr-x 0/1 356 Oct 22 13:14 1997 run_writer
-rw-r--- 0/1 1312768 Oct 22 18:43 1997 sol_ds_dir.tar
-rwxr-xr-x 1000/100 871019 Sep 4 08:00 1997 solaris-ds
-rwxr-xr-x 1000/100 160508 Oct 9 05:49 1997 solaris-plan_reader
-rwxr-xr-x 1009/100 22824 Oct 24 22:29 1997 writer
```

#### Fourth tar file:

```
drwxr-xr-x 1000/100 0 Oct 9 09:31 1997 11/
-rw-r--- 1000/100 2040 Oct 8 13:31 1997 11/av_eoir_status
-rw-r--- 1000/100 936 Oct 8 13:31 1997 11/av_fuel_status
-rw-r--- 1000/100 1128 Oct 8 13:31 1997 11/av_ins_status
-rw-r--- 1000/100 2736 Oct 8 13:31 1997 11/av_position_status
drwxr-xr-x 0/1 0 Oct 26 14:43 1997 12/
-rw-r--- 0/1 2040 Oct 26 14:43 1997 12/av_eoir_status
-rw-r--- 0/1 936 Oct 26 14:43 1997 12/av_fuel_status
-rw-r--- 0/1 1128 Oct 26 14:43 1997 12/av_ins_status
-rw-r--- 0/1 2736 Oct 26 14:43 1997 12/av_position_status
drwxr-xr-x 1000/100 0 Oct 9 09:31 1997 21/
-rw-r--- 1000/100 1916 Oct 8 13:31 1997 21/av_eoir_status
-rw-r--- 1000/100 736 Oct 8 13:31 1997 21/av_fuel_status
-rw-r--- 1000/100 1932 Oct 8 13:31 1997 21/av_ins_status
-rw-r--- 1000/100 2296 Oct 8 13:31 1997 21/av_position_status
drwxr-xr-x 0/1 0 Oct 26 14:43 1997 22/
-rw-r--- 0/1 1916 Oct 26 14:43 1997 22/av_eoir_status
-rw-r--- 0/1 736 Oct 26 14:43 1997 22/av_fuel_status
-rw-r--- 0/1 1932 Oct 26 14:43 1997 22/av_ins_status
-rw-r--- 0/1 2296 Oct 26 14:43 1997 22/av_position_status
drwxr-xr-x 1000/100 0 Oct 9 09:31 1997 system/
-rw-r--- 1000/100 3936 Oct 6 13:38 1997 system/mission_list
-rw-r--- 1000/100 712 Oct 6 13:38 1997 system/upload_notification
```

-rw-r--r-- 1000/100 903 Oct 22 13:10 1997 mpcs.config

Fifth tar file:

```
drwxrwxr-x 0/1 0 Oct 22 13:21 1997 lib/
-rw-rw-r-- 10025/50 2204 Aug 19 13:05 1997 lib/ada_stubs.o
lrwxrwxrwx 10025/50 13 Oct 22 13:15 1997 lib/libUtil.a symbolic link to libUtil1.0.a
lrwxrwxrwx 10025/50 14 Oct 22 13:15 1997 lib/libUtil.so symbolic link to libUtil1.0.so
-rw-rw-r-- 10025/50 154218 Jul 17 07:41 1997 lib/libUtil1.0.a
-rw-rwxr-x 10025/50 157340 Jul 17 07:41 1997 lib/libUtil1.0.so
lrwxrwxrwx 10025/50 12 Oct 22 13:15 1997 lib/libds.a symbolic link to libds3.0.1.a
lrwxrwxrwx 10025/50 13 Oct 22 13:15 1997 lib/libds.so symbolic link to libds3.0.1.so
-rw-rw-r-- 10025/50 604258 Aug 25 11:41 1997 lib/libds3.0.1.a
-rw-rwxr-x 10025/50 616920 Aug 25 11:41 1997 lib/libds3.0.1.so
lrwxrwxrwx 10025/50 11 Oct 22 13:15 1997 lib/libgio.a symbolic link to libgio1.0.a
lrwxrwxrwx 10025/50 12 Oct 22 13:15 1997 lib/libgio.so symbolic link to libgio1.0.so
-rw-rw-r-- 10025/50 226214 Jul 17 07:41 1997 lib/libgio1.0.a
-rw-rwxr-x 10025/50 228492 Jul 17 07:41 1997 lib/libgio1.0.so
lrwxrwxrwx 10025/50 12 Oct 22 13:16 1997 lib/libmisc.a symbolic link to libmisc1.0.a
lrwxrwxrwx 10025/50 13 Oct 22 13:16 1997 lib/libmisc.so symbolic link to libmisc1.0.so
-rw-rw-r-- 10025/50 86700 Jul 17 07:40 1997 lib/libmisc1.0.a
-rw-rwxr-x 10025/50 93476 Jul 17 07:40 1997 lib/libmisc1.0.so
lrwxrwxrwx 1000/100 13 Oct 22 13:16 1997 lib/libpcp.a symbolic link to libpcp1.1.3.a
lrwxrwxrwx 1000/100 14 Oct 22 13:16 1997 lib/libpcp.so symbolic link to libpcp1.1.3.so
lrwxrwxrwx 10025/50 14 Oct 22 13:16 1997 lib/librade.a symbolic link to librade2.0.0.a
lrwxrwxrwx 10025/50 15 Oct 22 13:16 1997 lib/librade.so symbolic link to librade2.0.0.so
-rw-rw-r-- 10025/50 259612 Aug 25 11:41 1997 lib/librade2.0.0.a
-rw-rwxr-x 10025/50 255132 Aug 25 11:41 1997 lib/librade2.0.0.so
-rw-r--r-- 0/1 2930176 Oct 22 09:43 1997 lib/tcs_lib_sol.tar
-rw-r--r-- 1000/100 120586 Oct 20 17:16 1997 lib/libpcp1.1.3.a
-rwrxr-xr-x 1000/100 107428 Oct 20 17:17 1997 lib/libpcp1.1.3.so
drwxr-xr-x 0/1 0 Oct 22 09:48 1997 include/
-rw-r--r-- 0/1 108032 Oct 22 09:47 1997 include/tcs_include.tar
-rw-r--r-- 0/1 200 Sep 23 13:56 1997 include/ansi_decls.h
-rw-r--r-- 0/1 6278 Sep 23 13:56 1997 include/ds_admin.h
-rw-r--r-- 0/1 38758 Sep 23 13:56 1997 include/ds_api.h
-rw-r--r-- 0/1 355 Sep 23 13:56 1997 include/if_addr.h
-rw-r--r-- 0/1 29557 Sep 23 13:56 1997 include/interface.h
-rw-r--r-- 0/1 8598 Sep 23 13:56 1997 include/interface_error.h
-rw-r--r-- 0/1 18342 Sep 23 13:56 1997 include/rade.h
```

## HP 4mm Tape Contents

First tar file:

```
rwxr-xr-x 0/1 0 Oct 23 23:39 1997 app-defaults/
r--r--r-- 1000/100 12034 Oct 22 22:59 1997 app-defaults/Logicon_mp
rwxr-xr-x 0/1 0 Oct 26 16:45 1997 bin/
rwxrwxrwx 1000/100 2174568 Oct 26 15:08 1997 bin/cqabarg.out
rwxrwxrwx 1000/100 734467 Oct 26 15:08 1997 bin/cqaeval.out
rwxrwxrwx 1000/100 709930 Oct 26 15:08 1997 bin/cqdsrep.out
rwxrwxrwx 1000/100 504591 Oct 26 15:08 1997 bin/cquerr.out
rwxrwxrwx 1000/100 8352984 Oct 26 14:57 1997 bin/logicon_mp
rwxr-xr-x 0/1 622 Oct 26 16:45 1997 bin/gui
```

r-xr-xr-x 1000/100 0 Sep 18 18:48 1997 compdted/  
r--r--r-- 1000/100 3 Sep 5 15:11 1997 compdted/compression\_ratio  
r--r--r-- 1000/100 254892 Sep 5 15:11 1997 compdted/dtedres  
r-xr-xr-x 1000/100 0 Sep 18 18:39 1997 compdted/w091/  
r--r--r-- 1000/100 29282 Sep 5 15:11 1997 compdted/w091/n30.dt1  
compdted contents edited due to excessive size  
r--r--r-- 1000/100 29282 Sep 5 15:20 1997 compdted/e000/n28.dt1  
r-xr-xr-x 1000/100 16043 Sep 5 15:20 1997 compdted/dtedcat.txt  
rwxrwxrwx 1000/100 0 Oct 26 15:13 1997 control/  
r-xr-xr-x 1000/100 0 Oct 23 13:38 1997 control/outrider/  
r--r--r-- 1010/100 515422 Oct 17 09:28 1997 control/outrider/acchar  
r--r--r-- 1000/100 15257 Sep 5 15:48 1997 control/outrider/acwpn  
r--r--r-- 1000/100 105588 Sep 5 15:48 1997 control/outrider/airbden  
r--r--r-- 1000/100 5843 Oct 6 14:47 1997 control/outrider/autotr  
r--r--r-- 1000/100 2687 Sep 5 15:48 1997 control/outrider/badefdat  
r--r--r-- 1000/100 2030 Sep 5 15:48 1997 control/outrider/gats  
r--r--r-- 1000/100 1444 Sep 5 15:48 1997 control/outrider/grdef  
r--r--r-- 1000/100 560 Sep 5 15:48 1997 control/outrider/radarnt  
r--r--r-- 1000/100 15038 Sep 5 15:48 1997 control/outrider/radarpe  
r--r--r-- 1000/100 1820 Sep 5 15:48 1997 control/outrider/radarps  
r--r--r-- 1000/100 4009 Sep 5 15:48 1997 control/outrider/tmdefdat  
r--r--r-- 1000/100 4169 Sep 5 15:48 1997 control/outrider/tsdefdat  
r-xr-xr-x 1000/100 0 Oct 23 13:39 1997 control/predator/  
r--r--r-- 1010/100 544822 Oct 15 09:33 1997 control/predator/acchar  
r--r--r-- 1000/100 15257 Sep 5 15:48 1997 control/predator/acwpn  
r--r--r-- 1000/100 105588 Sep 5 15:48 1997 control/predator/airbden  
r--r--r-- 1000/100 5843 Oct 6 14:47 1997 control/predator/autotr  
r--r--r-- 1000/100 2687 Sep 5 15:48 1997 control/predator/badefdat  
r--r--r-- 1000/100 2030 Sep 5 15:48 1997 control/predator/gats  
r--r--r-- 1000/100 1444 Sep 5 15:48 1997 control/predator/grdef  
r--r--r-- 1000/100 560 Sep 5 15:48 1997 control/predator/radarnt  
r--r--r-- 1000/100 15038 Sep 5 15:48 1997 control/predator/radarpe  
r--r--r-- 1000/100 1820 Sep 5 15:49 1997 control/predator/radarps  
r--r--r-- 1000/100 4009 Sep 5 15:49 1997 control/predator/tmdefdat  
r--r--r-- 1000/100 4169 Sep 5 15:49 1997 control/predator/tsdefdat  
rwxr-xr-x 1000/100 0 Oct 26 15:22 1997 fpdb/  
rwxr-xr-x 1000/100 0 Oct 23 20:37 1997 fpdb/outrider/  
rw-r--r-- 1000/100 456 Oct 23 18:03 1997 fpdb/outrider/altitude  
rw-r--r-- 1000/100 2660 Oct 23 18:03 1997 fpdb/outrider/banktbl  
rw-r--r-- 1000/100 491000 Oct 23 19:53 1997 fpdb/outrider/gcfpcont  
rw-r--r-- 1000/100 11061 Oct 23 18:03 1997 fpdb/outrider/pitch  
rw-r--r-- 1000/100 111327 Oct 23 18:03 1997 fpdb/outrider/radcap  
rw-r--r-- 1000/100 579152 Oct 23 18:03 1997 fpdb/outrider/radparm  
rw-r--r-- 1000/100 543637 Oct 23 18:06 1997 fpdb/outrider/rcs  
rw-r--r-- 1000/100 7770 Oct 23 18:03 1997 fpdb/outrider/samfly  
rw-r--r-- 1000/100 107335 Oct 23 18:03 1997 fpdb/outrider/sampk  
rw-r--r-- 1000/100 688140 Oct 23 19:53 1997 fpdb/outrider/tfpcont  
rw-r--r-- 1000/100 235117 Oct 23 19:53 1997 fpdb/outrider/thrtradi  
rwxr-xr-x 1000/100 0 Oct 23 20:37 1997 fpdb/predator/  
rw-r--r-- 1000/100 456 Oct 23 15:05 1997 fpdb/predator/altitude  
rw-r--r-- 1000/100 2660 Oct 23 15:05 1997 fpdb/predator/banktbl  
rw-r--r-- 1000/100 702968 Oct 23 20:09 1997 fpdb/predator/gcfpcont

rw-r--r-- 1000/100 11061 Oct 23 15:05 1997 fpdb/predator/pitch  
rw-r--r-- 1000/100 111327 Oct 23 15:05 1997 fpdb/predator/radcap  
rw-r--r-- 1000/100 579152 Oct 23 15:05 1997 fpdb/predator/radparm  
rw-r--r-- 1000/100 543637 Oct 23 15:06 1997 fpdb/predator/rcs  
rw-r--r-- 1000/100 7770 Oct 23 20:32 1997 fpdb/predator/samfly  
rw-r--r-- 1000/100 107335 Oct 23 15:06 1997 fpdb/predator/sampk  
rw-r--r-- 1000/100 960780 Oct 23 20:09 1997 fpdb/predator/tfpcont  
rw-r--r-- 1000/100 235117 Oct 23 20:09 1997 fpdb/predator/thrtradi  
rwxrwxrwx 1000/100 0 Oct 26 16:18 1997 mask/  
rw-rw-rw- 1000/100 1188 Sep 5 15:46 1997 mask/mask.dat  
rwxrwxrwx 1000/100 0 Sep 5 15:46 1997 mask/w100/  
rwxrwxrwx 1000/100 0 Sep 5 15:46 1997 mask/w100/n40/  
rw-rw-rw- 1000/100 482423 Sep 5 15:46 1997 mask/w100/n40/n47.033w090.867  
mask contents edited due to excessive size  
rwxrwxrwx 1016/100 0 Oct 22 10:17 1997 mask/w190/  
rwxrwxrwx 1016/100 0 Oct 24 19:43 1997 mask/w190/s10/  
rw-rw-rw- 1000/100 482423 Oct 24 19:43 1997 mask/w190/s10/s91.000w181.000  
rwxrwxrwx 1000/100 0 Oct 26 16:20 1997 missions/  
rw-rw-rw- 1503/35 106977 Oct 26 15:45 1997 missions/IraqCS  
rw-rw-rw- 1501/35 96039 Oct 23 23:35 1997 missions/IRAQ1  
rw-rw-rw- 1501/35 10359 Oct 20 09:44 1997 missions/TEST\_PERFAIDS\_MSN1  
rw-rw-rw- 1012/100 14059 Oct 17 14:51 1997 missions/TEST\_ROUTOPT\_MSN1  
rw-rw-rw- 1503/35 7741 Oct 26 13:35 1997 missions/uavat01glenneoir  
rw-rw-rw- 1007/100 13605 Oct 13 09:27 1997 missions/TEST\_RPLNINIT\_MSN1  
rw-rw-rw- 1007/100 5661 Oct 10 09:04 1997 missions/TEST\_TCSDSIO\_ER1  
rw-rw-rw- 1007/100 9591 Oct 13 10:48 1997 missions/TEST\_TCSDSIO\_MSN1  
rw-rw-rw- 1503/35 28221 Oct 8 17:04 1997 missions/sbasar  
rw-rw-rw- 1000/100 55149 Sep 25 17:29 1997 missions/IPRMission1  
rw-rw-rw- 1000/100 48233 Sep 25 17:29 1997 missions/Mis2  
rw-rw-rw- 1000/100 25019 Oct 8 20:45 1997 missions/Nevada  
rw-rw-rw- 1007/100 13605 Oct 10 09:15 1997 missions/TEST\_TCSDSIO\_MSN2  
rw-rw-rw- 1501/35 6659 Oct 22 12:12 1997 missions/UAVAT01\_EMERG  
rw-rw-rw- 1501/35 7741 Oct 21 19:22 1997 missions/UAVAT01\_EO  
rw-rw-rw- 1501/35 77018 Oct 22 12:15 1997 missions/UAVAT01\_MSN02  
rw-rw-rw- 1503/35 14059 Oct 14 10:43 1997 missions/routval  
rw-rw-rw- 1503/35 10359 Oct 10 11:50 1997 missions/Perfaids  
rw-rw-rw- 1501/35 6943 Oct 26 15:11 1997 missions/gysemergency  
rw-rw-rw- 1501/35 7741 Oct 26 15:15 1997 missions/uavat01eo  
rw-rw-rw- 1503/35 14059 Oct 21 13:42 1997 missions/TEST\_ROUTVAL\_MSN1  
rw-rw-rw- 1503/35 29303 Oct 17 12:20 1997 missions/sba000  
rw-rw-rw- 1503/35 9361 Oct 20 09:54 1997 missions/TEST\_FILEOPS\_1020  
rw-rw-r-- 1503/35 9361 Oct 20 09:56 1997 missions/TEST\_FILEOPS\_1020.b4  
rw-rw-rw- 1503/35 9361 Oct 20 09:59 1997 missions(FILEOPS\_SAVEAS  
rw-rw-rw- 1503/35 9361 Oct 20 10:02 1997 missions(FILEOPS\_TEMP  
rw-rw-rw- 1501/35 75200 Oct 26 15:28 1997 missions/uavat01glenn  
rw-rw-rw- 1503/35 55875 Oct 22 13:46 1997 missions/UVAVAT01\_MSN01  
rw-rw-rw- 1503/35 31686 Oct 21 10:05 1997 missions/REPORTS\_MSN02  
rw-rw-rw- 1503/35 7795 Oct 21 10:05 1997 missions/REPORTS\_MSN01  
rw-rw-rw- 1503/35 8509 Oct 21 15:34 1997 missions/TEST\_ROUTOPT\_MSN  
rw-rw-rw- 1503/35 87897 Oct 22 13:44 1997 missions/crktest  
rw-rw-rw- 1503/35 12209 Oct 22 16:03 1997 missions/TEST\_RPLNINIT\_MSN2  
rw-rw-rw- 1503/35 10927 Oct 22 16:18 1997 missions/crktstrpln

rw-rw-rw- 1503/35 198700 Oct 24 23:14 1997 missions/UAVAT01\_IRAQ1  
rw-rw-r-- 1503/35 68839 Oct 23 18:38 1997 missions/glandroute  
rw-rw-rw- 1503/35 23309 Oct 24 17:29 1997 missions/UAVAT01\_MSN01B  
rw-rw-rw- 1503/35 28397 Oct 24 22:12 1997 missions/UAVAT01\_IRAQ\_EMERG  
rw-rw-rw- 1503/35 9875 Oct 24 22:36 1997 missions/UAVAT01\_IRAQ\_EO  
rw-rw-rw- 1503/35 12523 Oct 25 15:16 1997 missions/glennpred  
rw-rw-rw- 1503/35 27051 Oct 25 13:40 1997 missions/glennthreat  
rw-rw-rw- 1503/35 8509 Oct 25 15:05 1997 missions/glenniraqoutrider  
rwxrwxrwx 1000/100 0 Oct 26 16:31 1997 segments/  
rw-rw-rw- 1503/35 13188 Oct 8 17:03 1997 segments/sbaeo  
rw-rw-rw- 1501/35 7741 Oct 21 19:31 1997 segments/UAVAT01\_EOSEG  
rw-rw-rw- 1503/35 9361 Oct 20 11:14 1997 segments/FILEOPS\_SEGMENT567890  
rw-rw-rw- 1501/35 27009 Oct 21 13:56 1997 segments/RTESEG  
rw-rw-rw- 1501/35 15314 Oct 21 14:20 1997 segments/PAYSEG  
rw-rw-rw- 1503/35 2959 Oct 23 19:07 1997 segments/hope  
rw-rw-rw- 1503/35 5315 Oct 23 19:09 1997 segments/hope2  
rw-rw-rw- 1503/35 9875 Oct 24 22:38 1997 segments/UAVAT01\_IRAQSEG  
rw-rw-rw- 1503/35 7741 Oct 26 13:34 1997 segments/glenneoseg  
rw-rw-rw- 1007/100 12790 Oct 3 10:31 1997 segments/SBA\_Export1  
rw-rw-rw- 1005/100 4809 Oct 15 14:39 1997 segments/glennseg  
rw-rw-rw- 1007/100 5904 Oct 17 16:30 1997 segments/tempeoseg  
rw-rw-rw- 1501/35 7741 Oct 26 15:15 1997 segments/uavat01seg  
rwxr-xr-x 1000/100 0 Oct 26 16:36 1997 template/  
rw-r---r- 1000/100 477 Sep 5 15:52 1997 template/ASCARDS  
rw-r---r- 1000/100 464 Sep 5 15:52 1997 template/DB\_DESCRIPTION  
rw-r---r- 1000/100 226 Sep 5 15:52 1997 template/PLAN\_OPS\_DEFAULT  
rw-r---r- 1000/100 2001 Sep 5 15:52 1997 template/WID\_TEMPLATE  
rw-r---r- 1000/100 88576 Oct 7 12:07 1997 template/errormsg  
rw-r---r- 1000/100 605 Oct 26 16:36 1997 template/namlst  
rwxr-xr-x 1000/100 0 Oct 26 15:30 1997 thdb/  
rwxr-xr-x 1000/100 0 Oct 23 22:36 1997 thdb/uav/  
rw-r---r- 1000/1 64356 Oct 23 14:44 1997 thdb/uav/thrtdata  
rw-r---r- 1000/100 58126 Sep 5 15:50 1997 thdb/uav/thrtmnem  
rwxr-xr-x 1000/100 0 Sep 18 18:39 1997 tieup/  
rwxrwxrwx 1000/100 0 Oct 26 16:29 1997 tieup/uav/  
rw-r---r- 1000/100 630 Sep 5 15:51 1997 tieup/uav/ep  
rw-r---r- 1000/100 486 Sep 5 15:51 1997 tieup/uav/psb  
rw-r---r- 1000/100 1989815 Sep 6 08:37 1997 tieup/uav/airbase  
rw-rw-rw- 1001/100 16856 Oct 26 09:10 1997 tieup/uav/targets  
rw-rw-rw- 0/1 20007 Oct 9 21:09 1997 tieup/uav/keepout  
rw-r---r- 0/1 15257 Oct 9 21:09 1997 tieup/uav/acwpn  
rw-r---r- 0/1 7251 Oct 9 21:09 1997 tieup/uav/graphics  
rw-r---r- 1000/100 1330 Oct 23 14:29 1997 tieup/uav/sensor  
rw-rw-rw- 0/1 3716 Oct 25 20:55 1997 tieup/uav/gdts  
rwxr-xr-x 1000/100 0 Sep 18 18:39 1997 wind/  
rwxr-xr-x 1000/100 0 Sep 18 18:39 1997 wind/climo1/  
rw-r---r- 1000/100 11636352 Sep 5 15:52 1997 wind/climo1/winddata

Second tar file:

rwxr-xr-x 1000/100 0 Oct 26 13:27 1997 gui/  
rwxr-xr-x 1000/100 0 Oct 26 13:23 1997 gui/source/  
r--r---r- 1000/100 3556 Oct 25 20:24 1997 gui/source/bases.c

r--r--r-- 1000/100 6440 Oct 25 20:24 1997 gui/source/backgrounds.c  
r--r--r-- 1000/100 3771 Oct 25 20:24 1997 gui/source/b2mainshellMain.c  
r--r--r-- 1000/100 2562950 Oct 25 20:24 1997 gui/source/b2mainshell.c  
r--r--r-- 1000/100 64340 Oct 25 20:24 1997 gui/source/ascent\_rings.c  
r--r--r-- 1000/100 6100 Oct 25 20:24 1997 gui/source/check\_rov.c  
r--r--r-- 1000/100 33852 Oct 25 20:24 1997 gui/source/equidistant.c  
r--r--r-- 1000/100 60170 Oct 25 20:24 1997 gui/source/batch\_router.c  
r--r--r-- 1000/100 127441 Oct 25 20:24 1997 gui/source/targets.c  
r--r--r-- 1000/100 33843 Oct 25 20:24 1997 gui/source/clobber.c  
r--r--r-- 1000/100 29851 Oct 25 20:24 1997 gui/source/color.c  
r--r--r-- 1000/100 62363 Oct 25 20:24 1997 gui/source/compress\_dted.c  
r--r--r-- 1000/100 66468 Oct 25 20:24 1997 gui/source/control\_time.c  
r--r--r-- 1000/100 25628 Oct 25 20:24 1997 gui/source/convert\_latlon.c  
r--r--r-- 1000/100 11023 Oct 25 20:24 1997 gui/source/corridor.c  
r--r--r-- 1000/100 104450 Oct 25 20:24 1997 gui/source/delete.c  
r--r--r-- 1000/100 21403 Oct 25 20:24 1997 gui/source/craft\_perf.c  
r--r--r-- 1000/100 8733 Oct 25 20:24 1997 gui/source/message.c  
r--r--r-- 1000/100 297995 Oct 25 20:23 1997 gui/source/B2IradCBs.c  
r--r--r-- 1000/100 115701 Oct 25 20:24 1997 gui/source/menu\_active.c  
r--r--r-- 1000/100 30350 Oct 25 20:24 1997 gui/source/mod\_ver\_cbs.c  
r--r--r-- 1000/100 302762 Oct 25 20:24 1997 gui/source/modify.c  
r--r--r-- 1000/100 15772 Oct 25 20:24 1997 gui/source/open\_rds.c  
r--r--r-- 1000/100 23364 Oct 25 20:23 1997 gui/source/JMTK\_drawexp.c  
r--r--r-- 1000/100 30610 Oct 25 20:24 1997 gui/source/modify\_target.c  
r--r--r-- 1000/100 43459 Oct 25 20:24 1997 gui/source/plan\_options.c  
r--r--r-- 1000/100 22538 Oct 25 20:24 1997 gui/source/panning.c  
r--r--r-- 1000/100 98584 Oct 25 20:24 1997 gui/source/plan\_release.c  
r--r--r-- 1000/100 121826 Oct 25 20:24 1997 gui/source/pointinfo.c  
r--r--r-- 1000/100 17171 Oct 25 20:24 1997 gui/source/planning.c  
r--r--r-- 1000/100 39492 Oct 25 20:24 1997 gui/source/points.c  
r--r--r-- 1000/100 31982 Oct 25 20:24 1997 gui/source/point\_type.c  
r--r--r-- 1000/100 47696 Oct 25 20:24 1997 gui/source/quit.c  
r--r--r-- 1000/100 46490 Oct 25 20:24 1997 gui/source/ac\_io.c  
r--r--r-- 1000/100 67976 Oct 25 20:24 1997 gui/source/math\_utils.c  
r--r--r-- 1000/100 2276 Oct 25 20:24 1997 gui/source/XpmRdFToI.c  
r--r--r-- 1000/100 35230 Oct 25 20:24 1997 gui/source/descent\_rings.c  
r--r--r-- 1000/100 25513 Oct 25 20:24 1997 gui/source/dialog\_cbs.c  
r--r--r-- 1000/100 173698 Oct 25 20:24 1997 gui/source/displayfp.c  
r--r--r-- 1000/100 144950 Oct 25 20:24 1997 gui/source/display\_dted.c  
r--r--r-- 1000/100 100947 Oct 25 20:24 1997 gui/source/drawcor.c  
r--r--r-- 1000/100 63679 Oct 25 20:24 1997 gui/source/draw\_cms.c  
r--r--r-- 1000/100 21020 Oct 25 20:24 1997 gui/source/drawexp.c  
r--r--r-- 1000/100 38834 Oct 25 20:24 1997 gui/source/draw\_grid.c  
r--r--r-- 1000/100 89738 Oct 25 20:24 1997 gui/source/drawrds.c  
r--r--r-- 1000/100 1794 Oct 25 20:24 1997 gui/source/XpmRdFToP.c  
r--r--r-- 1000/100 112820 Oct 25 20:24 1997 gui/source/envvars.c  
r--r--r-- 1000/100 45246 Oct 25 20:24 1997 gui/source/dted.c  
r--r--r-- 1000/100 282548 Oct 25 20:24 1997 gui/source/loadrds.c  
r--r--r-- 1000/100 76763 Oct 25 20:24 1997 gui/source/flight\_profile.c  
r--r--r-- 1000/100 17642 Oct 25 20:24 1997 gui/source/find\_target.c  
r--r--r-- 1000/100 13575 Oct 25 20:24 1997 gui/source/reorder.c  
r--r--r-- 1000/100 167233 Oct 25 20:24 1997 gui/source/reports.c

r--r--r-- 1000/100 7127 Oct 25 20:24 1997 gui/source/font.c  
r--r--r-- 1000/100 154483 Oct 25 20:24 1997 gui/source/routing.c  
r--r--r-- 1000/100 21782 Oct 25 20:24 1997 gui/source/safe\_release.c  
r--r--r-- 1000/100 5750 Oct 25 20:24 1997 gui/source/register\_signal\_handlers.c  
r--r--r-- 1000/100 60907 Oct 25 20:24 1997 gui/source/route2.c  
r--r--r-- 1000/100 89363 Oct 25 20:24 1997 gui/source/routes.c  
r--r--r-- 1000/100 39507 Oct 25 20:24 1997 gui/source/scw.c  
r--r--r-- 1000/100 24161 Oct 25 20:24 1997 gui/source/fvr.c  
r--r--r-- 1000/100 141924 Oct 25 20:24 1997 gui/source/map.c  
r--r--r-- 1000/100 75986 Oct 25 20:24 1997 gui/source/saverds.c  
r--r--r-- 1000/100 71305 Oct 25 20:23 1997 gui/source/JMTK\_drawrds.c  
r--r--r-- 1000/100 20678 Oct 25 20:24 1997 gui/source/snail.c  
r--r--r-- 1000/100 4869 Oct 25 20:24 1997 gui/source/shutdown\_routing\_kernal.c  
r--r--r-- 1000/100 3563 Oct 25 20:24 1997 gui/source/smdps\_mode\_timeout.c  
r--r--r-- 1000/100 77995 Oct 25 20:24 1997 gui/source/rdsinit.c  
r--r--r-- 1000/100 8387 Oct 25 20:24 1997 gui/source/gmpt\_init.c  
r--r--r-- 1000/100 128421 Oct 25 20:24 1997 gui/source/footprint.c  
r--r--r-- 1000/100 63943 Oct 25 20:23 1997 gui/source/JMTK\_stuff.c  
r--r--r-- 1000/100 23336 Oct 25 20:24 1997 gui/source/fpindex.c  
r--r--r-- 1000/100 8409 Oct 25 20:23 1997 gui/source/XpmCrBuffFrI.c  
r--r--r-- 1000/100 149855 Oct 25 20:24 1997 gui/source/gmpt\_io.c  
r--r--r-- 1000/100 36801 Oct 25 20:24 1997 gui/source/heading.c  
r--r--r-- 1000/100 34919 Oct 25 20:24 1997 gui/source/head\_dist.c  
r--r--r-- 1000/100 2507 Oct 25 20:24 1997 gui/source/handle\_X\_errors.c  
r--r--r-- 1000/100 410168 Oct 25 20:24 1997 gui/source/image\_out.c  
r--r--r-- 1000/100 6093 Oct 25 20:24 1997 gui/source/XpmWrFFrI.c  
r--r--r-- 1000/100 102780 Oct 25 20:24 1997 gui/source/startup.c  
r--r--r-- 1000/100 26789 Oct 25 20:24 1997 gui/source/hotbutton.c  
r--r--r-- 1000/100 114490 Oct 25 20:24 1997 gui/source/insert.c  
r--r--r-- 1000/100 61085 Oct 25 20:24 1997 gui/source/sortie\_db.c  
r--r--r-- 1000/100 37293 Oct 25 20:24 1997 gui/source/update.c  
r--r--r-- 1000/100 15118 Oct 25 20:24 1997 gui/source/symbols.c  
r--r--r-- 1000/100 52933 Oct 25 20:24 1997 gui/source/start\_aps.c  
r--r--r-- 1000/100 1848 Oct 25 20:24 1997 gui/source/XpmWrFFrP.c  
r--r--r-- 1000/100 51073 Oct 25 20:24 1997 gui/source/terrain\_profile.c  
r--r--r-- 1000/100 65443 Oct 25 20:24 1997 gui/source/mission\_parm.c  
r--r--r-- 1000/100 43411 Oct 25 20:24 1997 gui/source/tieup.c  
r--r--r-- 1000/100 202790 Oct 25 20:24 1997 gui/source/threat\_mask.c  
r--r--r-- 1000/100 102145 Oct 25 20:24 1997 gui/source/threat\_diff.c  
r--r--r-- 1000/100 26745 Oct 25 20:24 1997 gui/source/threat\_mask\_read.c  
r--r--r-- 1000/100 213350 Oct 25 20:24 1997 gui/source/threats.c  
r--r--r-- 1000/100 72678 Oct 25 20:24 1997 gui/source/tieup\_modify.c  
r--r--r-- 1000/100 92555 Oct 25 20:24 1997 gui/source/insert\_pre\_tactic.c  
r--r--r-- 1000/100 230148 Oct 25 20:24 1997 gui/source/tu\_runtime.c  
r--r--r-- 1000/100 22267 Oct 25 20:24 1997 gui/source/wre.c  
r--r--r-- 1000/100 12348 Oct 25 20:24 1997 gui/source/keepout.c  
r--r--r-- 1000/100 98588 Oct 25 20:24 1997 gui/source/gdt.c  
r--r--r-- 1000/100 1877 Oct 25 20:23 1997 gui/source/XpmCrBuffFrP.c  
r--r--r-- 1000/100 55232 Oct 25 20:24 1997 gui/source/turn\_arcs.c  
r--r--r-- 1000/100 7171 Oct 25 20:24 1997 gui/source/utilities.c  
r--r--r-- 1000/100 2236 Oct 25 20:24 1997 gui/source/uxb\_mainc.c  
r--r--r-- 1000/100 8208 Oct 25 20:23 1997 gui/source/XpmCrDataFrI.c

```
r--r--r-- 1000/100 64624 Oct 25 20:24 1997 gui/source/location.c
r--r--r-- 1000/100 94717 Oct 25 20:24 1997 gui/source/vis_contours_create.c
r--r--r-- 1000/100 17571 Oct 25 20:24 1997 gui/source/download.c
r--r--r-- 1000/100 22131 Oct 25 20:24 1997 gui/source/weapons.c
r--r--r-- 1000/100 9549 Oct 25 20:24 1997 gui/source/vis_contours_select.c
r--r--r-- 1000/100 1859 Oct 25 20:23 1997 gui/source/XpmCrDataFrP.c
r--r--r-- 1000/100 2234 Oct 25 20:23 1997 gui/source/XpmCrIFrBuf.c
r--r--r-- 1000/100 2179 Oct 25 20:24 1997 gui/source/XpmCrIFrData.c
r--r--r-- 1000/100 1805 Oct 25 20:24 1997 gui/source/XpmCrPFrBuf.c
r--r--r-- 1000/100 634490 Oct 25 20:24 1997 gui/source/new_dialogs.c
r--r--r-- 1000/100 1330 Oct 25 20:24 1997 gui/source/XpmRdFToData.c
r--r--r-- 1000/100 1845 Oct 25 20:24 1997 gui/source/XpmCrPFrData.c
r--r--r-- 1000/100 14505 Oct 25 20:24 1997 gui/source/Xpmdata.c
r--r--r-- 1000/100 1224 Oct 25 20:24 1997 gui/source/XpmWrFFrData.c
r--r--r-- 1000/100 38535 Oct 25 20:24 1997 gui/source/Xpmcreate.c
r--r--r-- 1000/100 5219 Oct 25 20:24 1997 gui/source/Xpmhastable.c
r--r--r-- 1000/100 12512 Oct 25 20:24 1997 gui/source/Xpmmisc.c
r--r--r-- 1000/100 16778 Oct 25 20:24 1997 gui/source/Xpmparse.c
r--r--r-- 1000/100 3825 Oct 25 20:24 1997 gui/source/Xpmrgb.c
r--r--r-- 1000/100 20934 Oct 25 20:24 1997 gui/source/Xpmscan.c
r--r--r-- 1000/100 85874 Oct 25 20:24 1997 gui/source/ac_edit.c
r--r--r-- 1000/100 41777 Oct 25 20:24 1997 gui/source/ac_initEditData.c
r--r--r-- 1000/100 7127 Oct 25 20:24 1997 gui/source/ac_initVSData.c
r--r--r-- 1000/100 92846 Oct 25 20:24 1997 gui/source/ac_utility.c
r--r--r-- 1000/100 35889 Oct 25 20:24 1997 gui/source/compute_gdt.c
r--r--r-- 1000/100 5681 Oct 25 20:24 1997 gui/source/convert_gps.c
r--r--r-- 1000/100 49365 Oct 25 20:24 1997 gui/source/coordinates.c
r--r--r-- 1000/100 19886 Oct 25 20:24 1997 gui/source/data_server.c
r--r--r-- 1000/100 27711 Oct 25 20:24 1997 gui/source/weather.c
r--r--r-- 1000/100 32655 Oct 25 20:24 1997 gui/source/look_envelope.c
r--r--r-- 1000/100 70418 Oct 25 20:24 1997 gui/source/write_frp.c
r--r--r-- 1000/100 27288 Oct 25 20:24 1997 gui/source/displaysw.c
r--r--r-- 1000/100 22232 Oct 25 21:15 1997 gui/source/draw_gdt.c
r--r--r-- 1000/100 3422 Oct 25 20:24 1997 gui/source/recovery_basket.c
r--r--r-- 1000/100 109194 Oct 25 20:24 1997 gui/source/draw_mask.c
r--r--r-- 1000/100 8719 Oct 25 20:24 1997 gui/source/list_tools.c
r--r--r-- 1000/100 11261 Oct 25 20:24 1997 gui/source/valchks.c
r--r--r-- 1000/100 12603 Oct 25 20:24 1997 gui/source/segments.c
r--r--r-- 1000/100 39122 Oct 25 20:24 1997 gui/source/sensors.c
r--r--r-- 1000/100 11617 Oct 25 20:24 1997 gui/source/uav_character.c
r--r--r-- 1000/100 69920 Oct 25 20:24 1997 gui/source/switch_dbs.c
r--r--r-- 1000/100 585 Oct 22 17:54 1997 gui/source/list_tools.h
rwxr--r-- 1000/100 8253 Oct 26 10:12 1997 gui/source/Build_mp_gui_Sun_cc
rwxr--r-- 1000/100 8299 Oct 26 12:01 1997 gui/source/Build_mp_gui_HP_cc
rwxr--r-- 1000/100 8522 Oct 26 10:13 1997 gui/source/Build_mp_gui_HP_gcc
rwxr--r-- 1000/100 127 Oct 26 09:16 1997 gui/source/test
rwxr--r-- 1000/100 8449 Oct 26 10:12 1997 gui/source/Build_mp_gui_Sun_gcc
rwxr-xr-x 1000/100 0 Oct 26 09:41 1997 gui/include/
r--r--r-- 1000/100 1748 Oct 25 20:23 1997 gui/include/b2_ac_char.h
r--r--r-- 1000/100 1344 Oct 25 20:23 1997 gui/include/b2_color.h
r--r--r-- 1000/100 1414 Oct 25 20:23 1997 gui/include/b2_callbacks.h
r--r--r-- 1000/100 2003 Oct 25 20:23 1997 gui/include/b2_bagrid.h
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r--r--r-- 1000/100 1591 Oct 25 20:23 1997 gui/include/b2\_craft\_perf.h  
r--r--r-- 1000/100 2235 Oct 25 20:23 1997 gui/include/b2\_control\_time.h  
r--r--r-- 1000/100 4760 Oct 25 20:23 1997 gui/include/b2\_cms.h  
r--r--r-- 1000/100 2682 Oct 25 20:23 1997 gui/include/b2\_symbols.h  
r--r--r-- 1000/100 2090 Oct 25 20:23 1997 gui/include/b2\_delete.h  
r--r--r-- 1000/100 18622 Oct 25 20:23 1997 gui/include/b2\_footprint.h  
r--r--r-- 1000/100 25975 Oct 25 20:23 1997 gui/include/b2\_envvars.h  
r--r--r-- 1000/100 1303 Oct 25 20:23 1997 gui/include/b2\_fonts.h  
r--r--r-- 1000/100 2272 Oct 25 20:23 1997 gui/include/b2\_turn\_arc.h  
r--r--r-- 1000/100 1461 Oct 25 20:23 1997 gui/include/b2\_text\_misc.h  
r--r--r-- 1000/100 11992 Oct 25 20:23 1997 gui/include/b2\_weapons.h  
r--r--r-- 1000/100 4024 Oct 25 20:23 1997 gui/include/b2\_wre.h  
r--r--r-- 1000/100 16451 Oct 25 20:23 1997 gui/include/b2\_type.h  
r--r--r-- 1000/100 1156 Oct 25 20:23 1997 gui/include/b2\_vfcs.h  
r--r--r-- 1000/100 12296 Oct 25 20:23 1997 gui/include/b2globalwidgets.h  
r--r--r-- 1000/100 1703 Oct 25 20:23 1997 gui/include/b2mainLayoutFuncs.h  
r--r--r-- 1000/100 13152 Oct 25 20:23 1997 gui/include/xpm.h  
r--r--r-- 1000/100 92186 Oct 25 20:23 1997 gui/include/b2mainshell.h  
r--r--r-- 1000/100 7977 Oct 25 20:23 1997 gui/include/b2\_startup.h  
r--r--r-- 1000/100 4669 Oct 25 20:23 1997 gui/include/aps.h  
r--r--r-- 1000/100 1000 Oct 25 20:23 1997 gui/include/b2arrayConstants.h  
r--r--r-- 1000/100 3275 Oct 25 20:23 1997 gui/include/b2globalwidgetsExt.h  
r--r--r-- 1000/100 1018 Oct 25 20:23 1997 gui/include/b2\_headdist.h  
r--r--r-- 1000/100 2252 Oct 25 20:23 1997 gui/include/b2\_keepout.h  
r--r--r-- 1000/100 1976 Oct 25 20:23 1997 gui/include/bases.h  
r--r--r-- 1000/100 2952 Oct 25 20:23 1997 gui/include/b2\_icon\_pix.h  
r--r--r-- 1000/100 1294 Oct 25 20:23 1997 gui/include/b2\_heading.h  
r--r--r-- 1000/100 6899 Oct 25 20:23 1997 gui/include/b2\_map.h  
r--r--r-- 1000/100 1392 Oct 25 20:23 1997 gui/include/dialogs.h  
r--r--r-- 1000/100 2542 Oct 25 20:23 1997 gui/include/cadrg\_color.h  
r--r--r-- 1000/100 17440 Oct 25 20:23 1997 gui/include/b2\_gats.h  
r--r--r-- 1000/100 4127 Oct 25 20:23 1997 gui/include/b2\_max.h  
r--r--r-- 1000/100 2233 Oct 25 20:23 1997 gui/include/b2\_masks.h  
r--r--r-- 1000/100 7005 Oct 25 20:23 1997 gui/include/b2\_main.h  
r--r--r-- 1000/100 14650 Oct 25 20:23 1997 gui/include/b2\_menu\_active.h  
r--r--r-- 1000/100 6136 Oct 25 20:23 1997 gui/include/gdt.h  
r--r--r-- 1000/100 1489 Oct 25 20:23 1997 gui/include/b2\_mod\_ver\_cbs.h  
r--r--r-- 1000/100 5760 Oct 25 20:23 1997 gui/include/b2\_modes.h  
r--r--r-- 1000/100 14397 Oct 25 20:23 1997 gui/include/b2\_pixmaps.h  
r--r--r-- 1000/100 6236 Oct 25 20:23 1997 gui/include/b2\_modify\_vals.h  
r--r--r-- 1000/100 4221 Oct 25 20:23 1997 gui/include/b2\_physical.h  
r--r--r-- 1000/100 9795 Oct 25 20:23 1997 gui/include/b2\_pixmaps\_gats.h  
r--r--r-- 1000/100 4978 Oct 25 20:23 1997 gui/include/b2\_pointinfo.h  
r--r--r-- 1000/100 2364 Oct 25 20:23 1997 gui/include/b2\_point\_types.h  
r--r--r-- 1000/100 2812 Oct 25 20:23 1997 gui/include/b2\_reorder.h  
r--r--r-- 1000/100 55310 Oct 25 20:23 1997 gui/include/b2\_rds.h  
r--r--r-- 1000/100 1466 Oct 25 20:23 1997 gui/include/b2\_rdsinit.h  
r--r--r-- 1000/100 1183 Oct 25 20:23 1997 gui/include/b2\_ptsel.h  
r--r--r-- 1000/100 12287 Oct 25 20:23 1997 gui/include/dted.h  
r--r--r-- 1000/100 2505 Oct 25 20:23 1997 gui/include/eadsim.h  
r--r--r-- 1000/100 842 Oct 25 20:23 1997 gui/include/exposure.h  
r--r--r-- 1000/100 31546 Oct 25 20:23 1997 gui/include/gmpt.h

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r--r--r-- 1000/100 2414 Oct 25 20:23 1997 gui/include/insert_pt.h
r--r--r-- 1000/100 2244 Oct 25 20:23 1997 gui/include/jdam.h
r--r--r-- 1000/100 1861 Oct 25 20:23 1997 gui/include/location.h
r--r--r-- 1000/100 1002 Oct 25 20:23 1997 gui/include/ins_location.h
r--r--r-- 1000/100 5407 Oct 25 20:23 1997 gui/include/modify_pt.h
r--r--r-- 1000/100 20469 Oct 25 20:23 1997 gui/include/nitf.h
r--r--r-- 1000/100 1646 Oct 25 20:23 1997 gui/include/print_reports.h
r--r--r-- 1000/100 2049 Oct 25 20:23 1997 gui/include/points.h
r--r--r-- 1000/100 2263 Oct 25 20:23 1997 gui/include/route_color.h
r--r--r-- 1000/100 2458 Oct 25 20:23 1997 gui/include/switch_dbs.h
r--r--r-- 1000/100 13367 Oct 25 20:23 1997 gui/include/targets.h
r--r--r-- 1000/100 57900 Oct 25 20:23 1997 gui/include/b2_routines.h
r--r--r-- 1000/100 14207 Oct 25 20:23 1997 gui/include/terrain.h
r--r--r-- 1000/100 2662 Oct 25 20:23 1997 gui/include/b2_rings.h
r--r--r-- 1000/100 2981 Oct 25 20:23 1997 gui/include/savedrds.h
r--r--r-- 1000/100 1502 Oct 25 20:23 1997 gui/include/b2_snail.h
r--r--r-- 1000/100 1081 Oct 25 20:23 1997 gui/include/tgt_location.h
r--r--r-- 1000/100 10337 Oct 25 20:23 1997 gui/include/b2_routing.h
r--r--r-- 1000/100 1489 Oct 25 20:23 1997 gui/include/b2_scw.h
r--r--r-- 1000/100 3627 Oct 25 20:23 1997 gui/include/b2_rovers.h
r--r--r-- 1000/100 40388 Oct 25 20:23 1997 gui/include/tu_runtime.h
r--r--r-- 1000/100 7543 Oct 25 20:23 1997 gui/include/xpmP.h
r--r--r-- 1000/100 15116 Oct 25 20:23 1997 gui/include/threats.h
r--r--r-- 1000/100 22859 Oct 25 20:23 1997 gui/include/threat_mask.h
r--r--r-- 1000/100 7113 Oct 25 20:23 1997 gui/include/threat_diff.h
r--r--r-- 1000/100 5753 Oct 25 20:23 1997 gui/include/sensors.h
r--r--r-- 1000/100 524 Oct 25 20:23 1997 gui/include/recovery_basket.h
r--r--r-- 1000/100 8989 Oct 25 20:23 1997 gui/include/ac_edit.h
r--r--r-- 1000/100 10629 Oct 25 20:23 1997 gui/include/ac_utility.h
r--r--r-- 1000/100 13206 Oct 25 20:23 1997 gui/include/uav_frp.h
r--r--r-- 1000/100 24387 Oct 25 20:23 1997 gui/include/new_dialogs.h
r--r--r-- 1000/100 2208 Oct 25 20:23 1997 gui/include/coordinates.h
r--r--r-- 1000/100 2830 Oct 25 20:23 1997 gui/include/mission_parm.h
r--r--r-- 1000/100 6710 Oct 25 20:23 1997 gui/include/ac_io.h
r--r--r-- 1000/100 2084 Oct 25 20:23 1997 gui/include/ac_init.h
r--r--r-- 1000/100 3625 Oct 25 20:23 1997 gui/include/JMTK_stuff.h
r--r--r-- 1000/100 2679 Oct 25 20:23 1997 gui/include/compute_gdt.h
r--r--r-- 1000/100 1512 Oct 25 20:23 1997 gui/include/write_frp.h
r--r--r-- 1000/100 1573 Oct 25 20:23 1997 gui/include/look_envelope.h
r--r--r-- 1000/100 1153 Oct 25 20:23 1997 gui/include/stubs.h
r--r--r-- 1000/100 1042 Oct 25 20:23 1997 gui/include/data_server.h
rwxr-xr-x 1000/100 0 Oct 26 13:23 1997 gui/bin/
rwxr-xr-x 1000/100 0 Oct 26 13:27 1997 router/
rwxr-xr-x 1000/100 0 Oct 26 13:16 1997 router/bin/
rwxr-xr-x 1000/100 0 Oct 26 14:22 1997 router/source/
r--r--r-- 1000/100 5133 Oct 6 14:03 1997 router/source/CQCABD
r--r--r-- 1000/100 1414 Oct 6 14:03 1997 router/source/CQCADF
r--r--r-- 1000/100 862 Oct 6 14:03 1997 router/source/CQCAIDX
r--r--r-- 1000/100 1423 Oct 6 14:03 1997 router/source/CQCALT
r--r--r-- 1000/100 1991 Oct 6 14:03 1997 router/source/CQCALIF
r--r--r-- 1000/100 1047 Oct 6 14:03 1997 router/source/CQCARKN
r--r--r-- 1000/100 864 Oct 6 14:03 1997 router/source/CQCAIRB
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r--r--r-- 1000/100 1517 Oct 6 14:03 1997 router/source/CQCARER  
r--r--r-- 1000/100 3314 Oct 6 14:03 1997 router/source/CQCARKY  
r--r--r-- 1000/100 6861 Oct 6 14:03 1997 router/source/CQCATS  
r--r--r-- 1000/100 4023 Oct 6 14:03 1997 router/source/CQCAUT2  
r--r--r-- 1000/100 5942 Oct 6 14:03 1997 router/source/CQCATM  
r--r--r-- 1000/100 33643 Oct 6 14:03 1997 router/source/CQCAUTO  
r--r--r-- 1000/100 2951 Oct 6 14:03 1997 router/source/CQCBAPM  
r--r--r-- 1000/100 13675 Oct 6 14:03 1997 router/source/CQCBAL  
r--r--r-- 1000/100 1725 Oct 6 14:03 1997 router/source/CQCBAD  
r--r--r-- 1000/100 1979 Oct 6 14:03 1997 router/source/CQCATI  
r--r--r-- 1000/100 3428 Oct 6 14:03 1997 router/source/CQCBARC  
r--r--r-- 1000/100 7331 Oct 26 12:58 1997 router/source/b2a.f  
r--r--r-- 1000/100 2105 Oct 26 12:58 1997 router/source/clockx.f  
r--r--r-- 1000/100 2123 Oct 26 12:58 1997 router/source/cputime.f  
r--r--r-- 1000/100 8396 Oct 26 12:58 1997 router/source/cqabadj.f  
r--r--r-- 1000/100 4699 Oct 6 14:03 1997 router/source/CQCC7EN  
r--r--r-- 1000/100 11648 Oct 26 12:58 1997 router/source/cqabam.f  
r--r--r-- 1000/100 13546 Oct 26 12:58 1997 router/source/cqabarg.f  
r--r--r-- 1000/100 25910 Oct 26 12:58 1997 router/source/cqabatn.f  
r--r--r-- 1000/100 6534 Oct 26 12:58 1997 router/source/cqabbal.f  
r--r--r-- 1000/100 14088 Oct 26 12:58 1997 router/source/cqabbdc.f  
r--r--r-- 1000/100 40803 Oct 26 12:58 1997 router/source/cqabbse.f  
r--r--r-- 1000/100 10483 Oct 26 12:58 1997 router/source/cqabbtpp.f  
r--r--r-- 1000/100 20497 Oct 26 12:58 1997 router/source/cqabptr.f  
r--r--r-- 1000/100 23931 Oct 26 12:58 1997 router/source/cqabbxp.f  
r--r--r-- 1000/100 10154 Oct 26 12:58 1997 router/source/cqabcdbd.f  
r--r--r-- 1000/100 14957 Oct 26 12:58 1997 router/source/cqabck.f  
r--r--r-- 1000/100 11298 Oct 26 12:58 1997 router/source/cqabcdk.f  
r--r--r-- 1000/100 18700 Oct 26 12:58 1997 router/source/cqabchk.f  
r--r--r-- 1000/100 21135 Oct 26 12:58 1997 router/source/cqabcko.f  
r--r--r-- 1000/100 4425 Oct 26 12:58 1997 router/source/cqabcoc.f  
r--r--r-- 1000/100 4971 Oct 26 12:58 1997 router/source/cqabcrm.f  
r--r--r-- 1000/100 35170 Oct 26 12:58 1997 router/source/cqabcts.f  
r--r--r-- 1000/100 11429 Oct 26 12:58 1997 router/source/cqabert.f  
r--r--r-- 1000/100 62965 Oct 26 12:58 1997 router/source/cqabexu.f  
r--r--r-- 1000/100 9529 Oct 26 12:58 1997 router/source/cqabfca.f  
r--r--r-- 1000/100 13329 Oct 26 12:58 1997 router/source/cqabgpm.f  
r--r--r-- 1000/100 9513 Oct 26 12:58 1997 router/source/cqabgtl.f  
r--r--r-- 1000/100 6271 Oct 26 12:58 1997 router/source/cqabini.f  
r--r--r-- 1000/100 6349 Oct 26 12:58 1997 router/source/cqabkin.f  
r--r--r-- 1000/100 27322 Oct 26 12:58 1997 router/source/cqablop.f  
r--r--r-- 1000/100 12393 Oct 26 12:58 1997 router/source/cqabmcr.f  
r--r--r-- 1000/100 17317 Oct 26 12:58 1997 router/source/cqabmpp.f  
r--r--r-- 1000/100 5218 Oct 26 12:58 1997 router/source/cqabnod.f  
r--r--r-- 1000/100 15166 Oct 26 12:58 1997 router/source/cqabpb.f  
r--r--r-- 1000/100 9117 Oct 26 12:58 1997 router/source/cqabpb.f  
r--r--r-- 1000/100 33654 Oct 26 12:58 1997 router/source/cqabpen.f  
r--r--r-- 1000/100 12491 Oct 26 12:58 1997 router/source/cqabrdi.f  
r--r--r-- 1000/100 28654 Oct 26 12:58 1997 router/source/cqabrtb.f  
r--r--r-- 1000/100 7182 Oct 26 12:58 1997 router/source/cqabsdn.f  
r--r--r-- 1000/100 8629 Oct 26 12:58 1997 router/source/cqabst0.f  
r--r--r-- 1000/100 5809 Oct 26 12:58 1997 router/source/cqabst1.f

r--r--r-- 1000/100 15071 Oct 26 12:58 1997 router/source/cqabst2.f  
r--r--r-- 1000/100 6977 Oct 26 12:58 1997 router/source/cqabsup.f  
r--r--r-- 1000/100 26974 Oct 26 12:58 1997 router/source/cqabter.f  
r--r--r-- 1000/100 15516 Oct 26 12:58 1997 router/source/cqabvfc.f  
r--r--r-- 1000/100 7688 Oct 26 12:58 1997 router/source/cqabxp1.f  
r--r--r-- 1000/100 62926 Oct 26 12:58 1997 router/source/cqabxpt.f  
r--r--r-- 1000/100 7713 Oct 26 12:58 1997 router/source/cqabyid.f  
r--r--r-- 1000/100 7306 Oct 26 12:58 1997 router/source/cqaibox.f  
r--r--r-- 1000/100 47464 Oct 26 12:58 1997 router/source/cqaebrok.f  
r--r--r-- 1000/100 4643 Oct 26 12:58 1997 router/source/cqaecen.f  
r--r--r-- 1000/100 6137 Oct 26 12:58 1997 router/source/cqaecpt.f  
r--r--r-- 1000/100 2644 Oct 6 14:03 1997 router/source/CQCBARR  
r--r--r-- 1000/100 16082 Oct 26 12:58 1997 router/source/cqaecum.f  
r--r--r-- 1000/100 5815 Oct 6 14:03 1997 router/source/CQCBAT  
r--r--r-- 1000/100 3102 Oct 6 14:03 1997 router/source/CQCBDF  
r--r--r-- 1000/100 3232 Oct 6 14:03 1997 router/source/CQCBCSC  
r--r--r-- 1000/100 3978 Oct 26 12:58 1997 router/source/cqaeden.f  
r--r--r-- 1000/100 6389 Oct 6 14:03 1997 router/source/CQCBCON  
r--r--r-- 1000/100 12541 Oct 26 12:58 1997 router/source/cqaegps.f  
r--r--r-- 1000/100 2970 Oct 6 14:03 1997 router/source/CQCBIGB  
r--r--r-- 1000/100 1641 Oct 6 14:03 1997 router/source/CQCBKO  
r--r--r-- 1000/100 2888 Oct 6 14:03 1997 router/source/CQCC4C  
r--r--r-- 1000/100 7775 Oct 6 14:03 1997 router/source/CQCBRNT  
r--r--r-- 1000/100 1373 Oct 6 14:03 1997 router/source/CQCBKWy  
r--r--r-- 1000/100 4634 Oct 6 14:03 1997 router/source/CQCC8EN  
r--r--r-- 1000/100 1645 Oct 6 14:03 1997 router/source/CQCC8C  
r--r--r-- 1000/100 2753 Oct 6 14:03 1997 router/source/CQCC6C  
r--r--r-- 1000/100 1522 Oct 6 14:03 1997 router/source/CQCC7C  
r--r--r-- 1000/100 2474 Oct 6 14:03 1997 router/source/CQCC9C  
r--r--r-- 1000/100 17605 Oct 26 12:58 1997 router/source/cqaemrg.f  
r--r--r-- 1000/100 4696 Oct 6 14:03 1997 router/source/CQCC9EN  
r--r--r-- 1000/100 9029 Oct 26 12:58 1997 router/source/cqaeprt.f  
r--r--r-- 1000/100 6565 Oct 26 12:58 1997 router/source/cqaerab.f  
r--r--r-- 1000/100 34682 Oct 26 12:58 1997 router/source/cqaerad.f  
r--r--r-- 1000/100 2727 Oct 26 12:58 1997 router/source/cqaerdf.f  
r--r--r-- 1000/100 4765 Oct 26 12:58 1997 router/source/cqaermt.f  
r--r--r-- 1000/100 14739 Oct 26 12:58 1997 router/source/cqaerpk.f  
r--r--r-- 1000/100 9565 Oct 26 12:58 1997 router/source/cqaerps.f  
r--r--r-- 1000/100 23637 Oct 26 12:58 1997 router/source/cqaerte.f  
r--r--r-- 1000/100 5709 Oct 26 12:58 1997 router/source/cqaerth.f  
r--r--r-- 1000/100 24099 Oct 26 12:58 1997 router/source/cqaesam.f  
r--r--r-- 1000/100 11612 Oct 26 12:58 1997 router/source/cqaesp.f  
r--r--r-- 1000/100 5976 Oct 26 12:58 1997 router/source/cqaesup.f  
r--r--r-- 1000/100 10167 Oct 26 12:58 1997 router/source/cqaetse.f  
r--r--r-- 1000/100 4613 Oct 26 12:58 1997 router/source/cqaeval.f  
r--r--r-- 1000/100 14170 Oct 26 12:58 1997 router/source/cqaf7ex.f  
r--r--r-- 1000/100 2447 Oct 6 14:03 1997 router/source/CQCCDKN  
r--r--r-- 1000/100 17360 Oct 26 12:58 1997 router/source/cqaf8ex.f  
r--r--r-- 1000/100 30909 Oct 26 12:58 1997 router/source/cqaf9ex.f  
r--r--r-- 1000/100 4401 Oct 26 12:58 1997 router/source/cqafair.f  
r--r--r-- 1000/100 6045 Oct 26 12:58 1997 router/source/cqafalt.f  
r--r--r-- 1000/100 9782 Oct 26 12:58 1997 router/source/cqafcas.f

r--r--r-- 1000/100 3959 Oct 26 12:58 1997 router/source/cqafcec.f  
r--r--r-- 1000/100 9292 Oct 26 12:58 1997 router/source/cqafcfd.f  
r--r--r-- 1000/100 43050 Oct 26 12:58 1997 router/source/cqafcga.f  
r--r--r-- 1000/100 17102 Oct 26 12:58 1997 router/source/cqafcinc.f  
r--r--r-- 1000/100 14123 Oct 26 12:58 1997 router/source/cqafcip.f  
r--r--r-- 1000/100 13702 Oct 26 12:58 1997 router/source/cqafcln.f  
r--r--r-- 1000/100 13487 Oct 26 12:58 1997 router/source/cqafcnd.f  
r--r--r-- 1000/100 9221 Oct 26 12:58 1997 router/source/cqafcon.f  
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r--r--r-- 1000/100 7421 Oct 26 12:58 1997 router/source/cqafctm.f  
r--r--r-- 1000/100 11324 Oct 26 12:58 1997 router/source/cqafdad.f  
r--r--r-- 1000/100 5999 Oct 26 12:58 1997 router/source/cqafdc1.f  
r--r--r-- 1000/100 13253 Oct 26 12:58 1997 router/source/cqafdc2.f  
r--r--r-- 1000/100 13564 Oct 26 12:58 1997 router/source/cqafdc3.f  
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r--r--r-- 1000/100 16906 Oct 26 12:58 1997 router/source/cqafdc6.f  
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r--r--r-- 1000/100 21913 Oct 26 12:58 1997 router/source/cqafdc8.f  
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r--r--r-- 1000/100 4355 Oct 26 12:58 1997 router/source/cqaffal.f  
r--r--r-- 1000/100 5176 Oct 26 12:58 1997 router/source/cqaffha.f  
r--r--r-- 1000/100 7460 Oct 26 12:58 1997 router/source/cqafflg.f  
r--r--r-- 1000/100 9473 Oct 26 12:58 1997 router/source/cqafflo.f  
r--r--r-- 1000/100 11007 Oct 26 12:58 1997 router/source/cqaffly.f  
r--r--r-- 1000/100 3449 Oct 6 14:03 1997 router/source/CQCCOB  
r--r--r-- 1000/100 2770 Oct 6 14:03 1997 router/source/CQCCVS  
r--r--r-- 1000/100 3048 Oct 6 14:03 1997 router/source/CQCCRIF  
r--r--r-- 1000/100 4334 Oct 6 14:03 1997 router/source/CQCCIDN  
r--r--r-- 1000/100 1991 Oct 6 14:03 1997 router/source/CQCCHCN  
r--r--r-- 1000/100 1951 Oct 6 14:03 1997 router/source/CQCDATA  
r--r--r-- 1000/100 2217 Oct 6 14:03 1997 router/source/CQCDBC  
r--r--r-- 1000/100 1306 Oct 6 14:03 1997 router/source/CQCDGKN  
r--r--r-- 1000/100 1900 Oct 6 14:03 1997 router/source/CQCDTED  
r--r--r-- 1000/100 3106 Oct 6 14:03 1997 router/source/CQCDGT  
r--r--r-- 1000/100 3728 Oct 6 14:03 1997 router/source/CQCDFT  
r--r--r-- 1000/100 195718 Oct 19 18:35 1997 router/source/CQCDFLT  
r--r--r-- 1000/100 1296 Oct 6 14:03 1997 router/source/CQCDTN  
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r--r--r-- 1000/100 20799 Oct 26 12:58 1997 router/source/cqagdfu.f  
r--r--r-- 1000/100 1762 Oct 6 14:03 1997 router/source/CQCDTTN  
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r--r--r-- 1000/100 15479 Oct 26 12:58 1997 router/source/cqagdlb.f  
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r--r--r-- 1000/100 5470 Oct 6 14:03 1997 router/source/CQCEDKN  
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r--r--r-- 1000/100 1401 Oct 6 14:03 1997 router/source/CQCERIC  
r--r--r-- 1000/100 2642 Oct 6 14:03 1997 router/source/CQCERIF  
r--r--r-- 1000/100 2118 Oct 6 14:03 1997 router/source/CQCERKN  
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r--r--r-- 1000/100 2006 Oct 6 14:03 1997 router/source/CQCERRI  
r--r--r-- 1000/100 1379 Oct 6 14:03 1997 router/source/CQCERSH  
r--r--r-- 1000/100 972 Oct 6 14:03 1997 router/source/CQCERRM

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r--r--r-- 1000/100 3090 Oct 6 14:03 1997 router/source/CQCERPL  
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r--r--r-- 1000/100 23882 Oct 26 12:58 1997 router/source/cqagflr.f  
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r--r--r-- 1000/100 2243 Oct 6 14:03 1997 router/source/CQCEXPT  
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r--r--r-- 1000/100 3949 Oct 6 14:03 1997 router/source/CQCFCON  
r--r--r-- 1000/100 7409 Oct 6 14:03 1997 router/source/CQCFCDAT  
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r--r--r-- 1000/100 6623 Oct 26 12:58 1997 router/source/cqatatr.f  
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r--r--r-- 1000/100 7321 Oct 26 12:58 1997 router/source/cqatbb1.f  
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r--r--r-- 1000/100 5264 Oct 26 12:59 1997 router/source/cqatgbm.f  
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r--r--r-- 1000/100 8515 Oct 26 12:59 1997 router/source/cqatgnp.f  
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r--r--r-- 1000/100 4632 Oct 26 12:59 1997 router/source/cqatimg.f  
r--r--r-- 1000/100 4596 Oct 6 14:03 1997 router/source/CQCFPV  
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r--r--r-- 1000/100 1982 Oct 8 19:22 1997 router/source/CQCFSC  
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r--r--r-- 1000/100 5563 Oct 26 12:59 1997 router/source/cqatpop.f  
r--r--r-- 1000/100 27127 Oct 26 12:59 1997 router/source/cqatpsh.f  
r--r--r-- 1000/100 9286 Oct 26 12:59 1997 router/source/cqatr2b.f  
r--r--r-- 1000/100 19938 Oct 26 12:59 1997 router/source/cqatra1.f  
r--r--r-- 1000/100 12395 Oct 26 12:59 1997 router/source/cqatras.f  
r--r--r-- 1000/100 11631 Oct 26 12:59 1997 router/source/cqatrs1.f  
r--r--r-- 1000/100 9655 Oct 26 12:59 1997 router/source/cqatsbn.f  
r--r--r-- 1000/100 6605 Oct 26 12:59 1997 router/source/cqatsnc.f  
r--r--r-- 1000/100 9170 Oct 26 12:59 1997 router/source/cqatsrn.f  
r--r--r-- 1000/100 9520 Oct 26 12:59 1997 router/source/cqattgc.f

r--r--r-- 1000/100 6414 Oct 26 12:59 1997 router/source/cqatthd.f  
r--r--r-- 1000/100 7886 Oct 26 12:59 1997 router/source/cqattic.f  
r--r--r-- 1000/100 10328 Oct 26 12:59 1997 router/source/cqattir.f  
r--r--r-- 1000/100 29143 Oct 26 12:59 1997 router/source/cqattoe.f  
r--r--r-- 1000/100 21111 Oct 26 12:59 1997 router/source/cqattpt.f  
r--r--r-- 1000/100 7160 Oct 26 12:59 1997 router/source/cqatuip.f  
r--r--r-- 1000/100 5814 Oct 26 12:59 1997 router/source/cqatvpt.f  
r--r--r-- 1000/100 5587 Oct 26 12:59 1997 router/source/cqauagl.f  
r--r--r-- 1000/100 6219 Oct 26 12:59 1997 router/source/cqauault.f  
r--r--r-- 1000/100 5147 Oct 26 12:59 1997 router/source/cqauang.f  
r--r--r-- 1000/100 4014 Oct 26 12:59 1997 router/source/cqaubkw.f  
r--r--r-- 1000/100 3862 Oct 26 12:59 1997 router/source/cqaubli.f  
r--r--r-- 1000/100 4007 Oct 26 12:59 1997 router/source/cqaucll.f  
r--r--r-- 1000/100 3398 Oct 26 12:59 1997 router/source/cqaucsp.f  
r--r--r-- 1000/100 4457 Oct 26 12:59 1997 router/source/cqaucvl.f  
r--r--r-- 1000/100 5430 Oct 26 12:59 1997 router/source/cqaucxy.f  
r--r--r-- 1000/100 7286 Oct 26 12:59 1997 router/source/cqaud2p.f  
r--r--r-- 1000/100 11195 Oct 26 12:59 1997 router/source/cqaudbl.f  
r--r--r-- 1000/100 7051 Oct 26 12:59 1997 router/source/cqaudhd.f  
r--r--r-- 1000/100 9005 Oct 26 12:59 1997 router/source/cqaudwe.f  
r--r--r-- 1000/100 2857 Oct 6 14:03 1997 router/source/CQCHARD  
r--r--r-- 1000/100 5653 Oct 26 12:59 1997 router/source/cqauedp.f  
r--r--r-- 1000/100 23602 Oct 6 14:03 1997 router/source/CQCHGCN  
r--r--r-- 1000/100 6085 Oct 6 14:03 1997 router/source/CQCHKOT  
r--r--r-- 1000/100 1899 Oct 6 14:03 1997 router/source/CQCHTIF  
r--r--r-- 1000/100 2327 Oct 6 14:03 1997 router/source/CQCHTDC  
r--r--r-- 1000/100 4307 Oct 6 14:03 1997 router/source/CQCHEU  
r--r--r-- 1000/100 6227 Oct 6 14:03 1997 router/source/CQCHSC  
r--r--r-- 1000/100 2165 Oct 6 14:03 1997 router/source/CQCIAIF  
r--r--r-- 1000/100 1687 Oct 6 14:03 1997 router/source/CQCHTYC  
r--r--r-- 1000/100 1736 Oct 6 14:03 1997 router/source/CQCIDPT  
r--r--r-- 1000/100 4960 Oct 6 14:03 1997 router/source/CQCIDNC  
r--r--r-- 1000/100 16350 Oct 19 18:35 1997 router/source/CQCIDIF  
r--r--r-- 1000/100 1286 Oct 6 14:03 1997 router/source/CQCIDC  
r--r--r-- 1000/100 3713 Oct 6 14:03 1997 router/source/CQCIIFC  
r--r--r-- 1000/100 1009 Oct 6 14:03 1997 router/source/CQCIFER  
r--r--r-- 1000/100 5128 Oct 26 12:59 1997 router/source/cqauell.f  
r--r--r-- 1000/100 3425 Oct 6 14:03 1997 router/source/CQCIMG  
r--r--r-- 1000/100 5698 Oct 26 12:59 1997 router/source/cqaufhd.f  
r--r--r-- 1000/100 3767 Oct 26 12:59 1997 router/source/cqaugal.f  
r--r--r-- 1000/100 4859 Oct 26 12:59 1997 router/source/cqaugcd.f  
r--r--r-- 1000/100 8341 Oct 26 12:59 1997 router/source/cqaughd.f  
r--r--r-- 1000/100 6926 Oct 26 12:59 1997 router/source/cqaugin.f  
r--r--r-- 1000/100 12195 Oct 26 12:59 1997 router/source/cqaugit.f  
r--r--r-- 1000/100 5793 Oct 26 12:59 1997 router/source/cqaugll.f  
r--r--r-- 1000/100 4319 Oct 26 12:59 1997 router/source/cqaugtl.f  
r--r--r-- 1000/100 5001 Oct 26 12:59 1997 router/source/cqauhdg.f  
r--r--r-- 1000/100 5149 Oct 26 12:59 1997 router/source/cqauhdi.f  
r--r--r-- 1000/100 4826 Oct 26 12:59 1997 router/source/cqauinh.f  
r--r--r-- 1000/100 4108 Oct 26 12:59 1997 router/source/cqauint.f  
r--r--r-- 1000/100 5915 Oct 26 12:59 1997 router/source/cqaulld.f  
r--r--r-- 1000/100 4876 Oct 26 12:59 1997 router/source/cqaulnt.f

r--r--r-- 1000/100 6445 Oct 26 12:59 1997 router/source/cqaulrt.f  
r--r--r-- 1000/100 4428 Oct 26 12:59 1997 router/source/cqaultf.f  
r--r--r-- 1000/100 4634 Oct 26 12:59 1997 router/source/cqaum2v.f  
r--r--r-- 1000/100 3615 Oct 26 12:59 1997 router/source/cqaumod.f  
r--r--r-- 1000/100 3534 Oct 26 12:59 1997 router/source/cqaumxm.f  
r--r--r-- 1000/100 15613 Oct 26 12:59 1997 router/source/cqaupin.f  
r--r--r-- 1000/100 4753 Oct 26 12:59 1997 router/source/cqaupix.f  
r--r--r-- 1000/100 44281 Oct 26 12:59 1997 router/source/cqaurbh.f  
r--r--r-- 1000/100 3654 Oct 26 12:59 1997 router/source/cqaurot.f  
r--r--r-- 1000/100 3906 Oct 26 12:59 1997 router/source/ccausag.f  
r--r--r-- 1000/100 4868 Oct 26 12:59 1997 router/source/cqautef.f  
r--r--r-- 1000/100 4100 Oct 26 12:59 1997 router/source/cqautll.f  
r--r--r-- 1000/100 4273 Oct 26 12:59 1997 router/source/cqauupv.f  
r--r--r-- 1000/100 5115 Oct 26 12:59 1997 router/source/cqauutn.f  
r--r--r-- 1000/100 5169 Oct 26 12:59 1997 router/source/cqauuvc.f  
r--r--r-- 1000/100 4289 Oct 26 12:59 1997 router/source/cqauv2m.f  
r--r--r-- 1000/100 3038 Oct 26 12:59 1997 router/source/cqauvng.f  
r--r--r-- 1000/100 8031 Oct 26 12:59 1997 router/source/cqavfvr.f  
r--r--r-- 1000/100 35143 Oct 26 12:59 1997 router/source/cqavfwf.f  
r--r--r-- 1000/100 19656 Oct 26 12:59 1997 router/source/cqavnad.f  
r--r--r-- 1000/100 9998 Oct 26 12:59 1997 router/source/cqavslo.f  
r--r--r-- 1000/100 19672 Oct 26 12:59 1997 router/source/cqavzsr.f  
r--r--r-- 1000/100 6400 Oct 26 12:59 1997 router/source/cqawnd0.f  
r--r--r-- 1000/100 38200 Oct 26 12:59 1997 router/source/cqawnd1.f  
r--r--r-- 1000/100 7986 Oct 26 12:59 1997 router/source/cqaxcpi.f  
r--r--r-- 1000/100 33600 Oct 26 12:59 1997 router/source/cqaxdiv.f  
r--r--r-- 1000/100 16174 Oct 26 12:59 1997 router/source/cqaxerr.f  
r--r--r-- 1000/100 20841 Oct 26 12:59 1997 router/source/cqaxexp.f  
r--r--r-- 1000/100 5845 Oct 26 12:59 1997 router/source/cqaxnot.f  
r--r--r-- 1000/100 10617 Oct 26 12:59 1997 router/source/cqaxped.f  
r--r--r-- 1000/100 18334 Oct 26 12:59 1997 router/source/cqaxpii.f  
r--r--r-- 1000/100 13333 Oct 26 12:59 1997 router/source/cqaxpit.f  
r--r--r-- 1000/100 27418 Oct 26 12:59 1997 router/source/cqaxrad.f  
r--r--r-- 1000/100 21159 Oct 19 18:35 1997 router/source/CQCIMIF  
r--r--r-- 1000/100 2985 Oct 6 14:03 1997 router/source/CQCIMT  
r--r--r-- 1000/100 2600 Oct 6 14:03 1997 router/source/CQCIPC  
r--r--r-- 1000/100 1462 Oct 6 14:03 1997 router/source/CQCIVFC  
r--r--r-- 1000/100 1001 Oct 6 14:03 1997 router/source/CQC IOS  
r--r--r-- 1000/100 51550 Oct 19 18:35 1997 router/source/CQCITMN  
r--r--r-- 1000/100 2711 Oct 6 14:03 1997 router/source/CQCKOIF  
r--r--r-- 1000/100 7673 Oct 8 19:22 1997 router/source/CQCLLTN  
r--r--r-- 1000/100 2509 Oct 6 14:03 1997 router/source/CQCMDAT  
r--r--r-- 1000/100 1042 Oct 6 14:03 1997 router/source/CQCMAD  
r--r--r-- 1000/100 2083 Oct 6 14:03 1997 router/source/CQCMTDT  
r--r--r-- 1000/100 1892 Oct 6 14:03 1997 router/source/CQCKOKN  
r--r--r-- 1000/100 3365 Oct 6 14:03 1997 router/source/CQCMTKN  
r--r--r-- 1000/100 1884 Oct 6 14:03 1997 router/source/CQCMTIN  
r--r--r-- 1000/100 4006 Oct 6 14:03 1997 router/source/CQCMTIF  
r--r--r-- 1000/100 2155 Oct 6 14:03 1997 router/source/CQCNMCN  
r--r--r-- 1000/100 7996 Oct 26 12:59 1997 router/source/cqaxrtf.f  
r--r--r-- 1000/100 4782 Oct 26 12:59 1997 router/source/cqaxrtm.f  
r--r--r-- 1000/100 2068 Oct 6 14:03 1997 router/source/CQCNEG

r--r--r-- 1000/100 12249 Oct 26 12:59 1997 router/source/cqaxsam.f  
r--r--r-- 1000/100 18389 Oct 26 12:59 1997 router/source/cqaxsex.f  
r--r--r-- 1000/100 17685 Oct 26 12:59 1997 router/source/cqaxtrk.f  
r--r--r-- 1000/100 2148 Oct 26 12:59 1997 router/source/cqbfcno.f  
r--r--r-- 1000/100 21984 Oct 26 12:59 1997 router/source/cqbgdfm.f  
r--r--r-- 1000/100 3117 Oct 26 12:59 1997 router/source/cqbobf.f  
r--r--r-- 1000/100 1970 Oct 26 12:59 1997 router/source/cqbpoi.f  
r--r--r-- 1000/100 3521 Oct 26 12:59 1997 router/source/cqbrblk.f  
r--r--r-- 1000/100 21469 Oct 26 12:59 1997 router/source/cqbrds.f  
r--r--r-- 1000/100 1490 Oct 26 12:59 1997 router/source/cqbsiif.f  
r--r--r-- 1000/100 3142 Oct 26 12:59 1997 router/source/cqbstr.f  
r--r--r-- 1000/100 950 Oct 26 12:59 1997 router/source/cqbwind.f  
r--r--r-- 1000/100 2578 Oct 26 12:59 1997 router/source/cqc3ptd.f  
r--r--r-- 1000/100 1372 Oct 26 12:59 1997 router/source/cqcabdd.f  
r--r--r-- 1000/100 645 Oct 26 12:59 1997 router/source/cqcadfd.f  
r--r--r-- 1000/100 1087 Oct 26 12:59 1997 router/source/cqcadx.d  
r--r--r-- 1000/100 1145 Oct 26 12:59 1997 router/source/cqcaltd.f  
r--r--r-- 1000/100 4505 Oct 26 12:59 1997 router/source/cqcavmd.f  
r--r--r-- 1000/100 2785 Oct 26 12:59 1997 router/source/cqcatsd.f  
r--r--r-- 1000/100 10278 Oct 26 12:59 1997 router/source/cqcautd.f  
r--r--r-- 1000/100 935 Oct 26 12:59 1997 router/source/cqcbadd.f  
r--r--r-- 1000/100 8396 Oct 26 12:59 1997 router/source/cqcbald.f  
r--r--r-- 1000/100 910 Oct 26 12:59 1997 router/source/cqcbapd.f  
r--r--r-- 1000/100 1304 Oct 26 12:59 1997 router/source/cqcbatd.f  
r--r--r-- 1000/100 882 Oct 26 12:59 1997 router/source/cqcbcfd.f  
r--r--r-- 1000/100 1051 Oct 26 12:59 1997 router/source/cqcbdfd.f  
r--r--r-- 1000/100 1290 Oct 26 12:59 1997 router/source/cqcbrcd.f  
r--r--r-- 1000/100 1642 Oct 26 12:59 1997 router/source/cqcc4cd.f  
r--r--r-- 1000/100 1674 Oct 26 12:59 1997 router/source/cqcc6cd.f  
r--r--r-- 1000/100 1024 Oct 26 12:59 1997 router/source/cqcc7cd.f  
r--r--r-- 1000/100 1046 Oct 26 12:59 1997 router/source/cqcc8cd.f  
r--r--r-- 1000/100 1384 Oct 26 12:59 1997 router/source/cqcc9cd.f  
r--r--r-- 1000/100 1689 Oct 26 12:59 1997 router/source/cqccdx.d  
r--r--r-- 1000/100 1172 Oct 26 12:59 1997 router/source/cqccrcd.f  
r--r--r-- 1000/100 806 Oct 26 12:59 1997 router/source/cqccvsd.f  
r--r--r-- 1000/100 1856 Oct 26 12:59 1997 router/source/cqcdbcd.f  
r--r--r-- 1000/100 3061 Oct 26 12:59 1997 router/source/cqcdcor.f  
r--r--r-- 1000/100 997 Oct 26 12:59 1997 router/source/cqcdmms.f  
r--r--r-- 1000/100 1263 Oct 26 12:59 1997 router/source/cqcdefd.f  
r--r--r-- 1000/100 1049 Oct 26 12:59 1997 router/source/cqcdgtd.f  
r--r--r-- 1000/100 2321 Oct 26 12:59 1997 router/source/cqcdlst.f  
r--r--r-- 1000/100 2952 Oct 26 12:59 1997 router/source/cqcdump.f  
r--r--r-- 1000/100 1080 Oct 26 12:59 1997 router/source/cqcedcd.f  
r--r--r-- 1000/100 3311 Oct 26 12:59 1997 router/source/cqcedxd.f  
r--r--r-- 1000/100 1122 Oct 26 12:59 1997 router/source/cqcerdd.f  
r--r--r-- 1000/100 2316 Oct 26 12:59 1997 router/source/cqcerid.f  
r--r--r-- 1000/100 334 Oct 26 12:59 1997 router/source/cqcermd.f  
r--r--r-- 1000/100 885 Oct 26 12:59 1997 router/source/cqcerpd.f  
r--r--r-- 1000/100 678 Oct 26 12:59 1997 router/source/cqcerrd.f  
r--r--r-- 1000/100 2531 Oct 6 14:03 1997 router/source/CQCNODC  
r--r--r-- 1000/100 1477 Oct 6 14:03 1997 router/source/CQCP2TH  
r--r--r-- 1000/100 53166 Oct 8 19:22 1997 router/source/CQCPARM

r--r--r-- 1000/100 6179 Oct 6 14:03 1997 router/source/CQCNOD  
r--r--r-- 1000/100 6609 Oct 6 14:03 1997 router/source/CQCBOF  
r--r--r-- 1000/100 17542 Oct 19 18:35 1997 router/source/CQCPDD  
r--r--r-- 1000/100 8952 Oct 6 14:03 1997 router/source/CQCPHYC  
r--r--r-- 1000/100 23681 Oct 6 14:03 1997 router/source/CQCPERRM  
r--r--r-- 1000/100 2725 Oct 6 14:03 1997 router/source/CQCPERVL  
r--r--r-- 1000/100 3291 Oct 6 14:03 1997 router/source/CQCPOOL  
r--r--r-- 1000/100 4412 Oct 6 14:03 1997 router/source/CQCPPC  
r--r--r-- 1000/100 5027 Oct 6 14:03 1997 router/source/CQCPOI  
r--r--r-- 1000/100 2675 Oct 6 14:03 1997 router/source/CQCPSDT  
r--r--r-- 1000/100 1626 Oct 6 14:03 1997 router/source/CQCPERV2  
r--r--r-- 1000/100 3904 Oct 6 14:03 1997 router/source/CQCQIP  
r--r--r-- 1000/100 3534 Oct 26 12:59 1997 router/source/cqcexpr.f  
r--r--r-- 1000/100 3044 Oct 26 12:59 1997 router/source/cqcfapd.f  
r--r--r-- 1000/100 673 Oct 26 12:59 1997 router/source/cqcfimd.f  
r--r--r-- 1000/100 3374 Oct 6 14:03 1997 router/source/CQCPSSD  
r--r--r-- 1000/100 7578 Oct 26 12:59 1997 router/source/cqcfscd.f  
r--r--r-- 1000/100 1406 Oct 26 12:59 1997 router/source/cqcgxd.f  
r--r--r-- 1000/100 3912 Oct 26 12:59 1997 router/source/cqcgld.f  
r--r--r-- 1000/100 3249 Oct 26 12:59 1997 router/source/cqcgqlf.f  
r--r--r-- 1000/100 1073 Oct 26 12:59 1997 router/source/cqcgrpd.f  
r--r--r-- 1000/100 3423 Oct 26 12:59 1997 router/source/cqcgtsd.f  
r--r--r-- 1000/100 1402 Oct 26 12:59 1997 router/source/cqchscd.f  
r--r--r-- 1000/100 1105 Oct 26 12:59 1997 router/source/cqciadd.f  
r--r--r-- 1000/100 1235 Oct 26 12:59 1997 router/source/cqciaxd.f  
r--r--r-- 1000/100 1785 Oct 26 12:59 1997 router/source/cqcicnd.f  
r--r--r-- 1000/100 1123 Oct 26 12:59 1997 router/source/cqcicdpd.f  
r--r--r-- 1000/100 2192 Oct 26 12:59 1997 router/source/cqcidxd.f  
r--r--r-- 1000/100 1099 Oct 26 12:59 1997 router/source/cqcimdd.f  
r--r--r-- 1000/100 1076 Oct 26 12:59 1997 router/source/cqcimgd.f  
r--r--r-- 1000/100 1393 Oct 26 12:59 1997 router/source/cqcimtd.f  
r--r--r-- 1000/100 1109 Oct 26 12:59 1997 router/source/cqckodd.f  
r--r--r-- 1000/100 1576 Oct 26 12:59 1997 router/source/cqckoxd.f  
r--r--r-- 1000/100 3277 Oct 26 12:59 1997 router/source/cqcilstd.f  
r--r--r-- 1000/100 5391 Oct 26 12:59 1997 router/source/cqcnodd.f  
r--r--r-- 1000/100 1981 Oct 26 12:59 1997 router/source/cqcppcd.f  
r--r--r-- 1000/100 1268 Oct 26 12:59 1997 router/source/cqcqipd.f  
r--r--r-- 1000/100 1834 Oct 26 12:59 1997 router/source/cqcrald.f  
r--r--r-- 1000/100 9910 Oct 26 12:59 1997 router/source/cqcrbmd.f  
r--r--r-- 1000/100 1796 Oct 26 12:59 1997 router/source/cqcrcdd.f  
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r--r--r-- 1000/100 9018 Oct 26 12:59 1997 router/source/cqcrdbd.f  
r--r--r-- 1000/100 1176 Oct 26 12:59 1997 router/source/cqcrdcf.d  
r--r--r-- 1000/100 4203 Oct 26 12:59 1997 router/source/cqcrdfd.f  
r--r--r-- 1000/100 1785 Oct 26 12:59 1997 router/source/cqcrdnf.f  
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r--r--r-- 1000/100 1799 Oct 26 12:59 1997 router/source/cqcredd.f  
r--r--r-- 1000/100 1707 Oct 26 12:59 1997 router/source/cqcrcerd.f  
r--r--r-- 1000/100 1799 Oct 26 12:59 1997 router/source/cqergdd.f  
r--r--r-- 1000/100 1834 Oct 26 12:59 1997 router/source/cqcriad.f  
r--r--r-- 1000/100 1799 Oct 26 12:59 1997 router/source/cqcridd.f

r--r--r-- 1000/100 1851 Oct 26 12:59 1997 router/source/cqcrifd.f  
r--r--r-- 1000/100 1834 Oct 26 12:59 1997 router/source/cqcrkod.f  
r--r--r-- 1000/100 1834 Oct 26 12:59 1997 router/source/cqcrmtd.f  
r--r--r-- 1000/100 1166 Oct 26 12:59 1997 router/source/cqcrntd.f  
r--r--r-- 1000/100 1834 Oct 26 12:59 1997 router/source/cqcrsld.f  
r--r--r-- 1000/100 1479 Oct 26 12:59 1997 router/source/cqcertdd.f  
r--r--r-- 1000/100 1799 Oct 26 12:59 1997 router/source/cqcertod.f  
r--r--r-- 1000/100 1970 Oct 26 12:59 1997 router/source/cqcrwdd.f  
r--r--r-- 1000/100 11747 Oct 6 14:03 1997 router/source/CQCRADP  
r--r--r-- 1000/100 1633 Oct 26 12:59 1997 router/source/cqcsecd.f  
r--r--r-- 1000/100 23598 Oct 19 18:35 1997 router/source/CQCRBIF  
r--r--r-- 1000/100 1975 Oct 6 14:03 1997 router/source/CQCRBM  
r--r--r-- 1000/100 22095 Oct 6 14:03 1997 router/source/CQCRBIF2  
r--r--r-- 1000/100 3788 Oct 6 14:03 1997 router/source/CQCRCHR  
r--r--r-- 1000/100 21046 Oct 6 14:03 1997 router/source/CQCRCON  
r--r--r-- 1000/100 1947 Oct 6 14:03 1997 router/source/CQCRCS  
r--r--r-- 1000/100 11609 Oct 6 14:03 1997 router/source/CQC RD  
r--r--r-- 1000/100 3776 Oct 6 14:03 1997 router/source/CQC RDAT  
r--r--r-- 1000/100 1446 Oct 6 14:03 1997 router/source/CQC RDIC  
r--r--r-- 1000/100 58273 Oct 19 18:35 1997 router/source/CQC RDIF  
r--r--r-- 1000/100 5152 Oct 6 14:03 1997 router/source/CQC RDN  
r--r--r-- 1000/100 19403 Oct 6 14:03 1997 router/source/CQC RD S  
r--r--r-- 1000/100 6797 Oct 6 14:03 1997 router/source/CQC RD SN  
r--r--r-- 1000/100 3579 Oct 26 12:59 1997 router/source/cqcsecd.f  
r--r--r-- 1000/100 1661 Oct 26 12:59 1997 router/source/cqc send.f  
r--r--r-- 1000/100 659 Oct 26 12:59 1997 router/source/cqcst2d.f  
r--r--r-- 1000/100 1537 Oct 26 12:59 1997 router/source/cqcswpd.f  
r--r--r-- 1000/100 1070 Oct 26 12:59 1997 router/source/cqctxd.f  
r--r--r-- 1000/100 1949 Oct 26 12:59 1997 router/source/cqcthr.f  
r--r--r-- 1000/100 1271 Oct 26 12:59 1997 router/source/cqctmfd.f  
r--r--r-- 1000/100 2029 Oct 26 12:59 1997 router/source/cqctmpd.f  
r--r--r-- 1000/100 1719 Oct 26 12:59 1997 router/source/cqctocd.f  
r--r--r-- 1000/100 1542 Oct 26 12:59 1997 router/source/cqctr cd.f  
r--r--r-- 1000/100 1112 Oct 26 12:59 1997 router/source/cqc vpcd.f  
r--r--r-- 1000/100 1188 Oct 26 12:59 1997 router/source/cqc wddd.f  
r--r--r-- 1000/100 7088 Oct 26 12:59 1997 router/source/cqc wdgz.f  
r--r--r-- 1000/100 2049 Oct 26 12:59 1997 router/source/cqc wdx.d.f  
r--r--r-- 1000/100 5658 Oct 26 12:59 1997 router/source/cqc wpnd.f  
r--r--r-- 1000/100 1297 Oct 26 12:59 1997 router/source/cqc wtcd.f  
r--r--r-- 1000/100 4123 Oct 26 12:59 1997 router/source/cqd fint.f  
r--r--r-- 1000/100 6269 Oct 26 12:59 1997 router/source/cqd ral.f  
r--r--r-- 1000/100 4452 Oct 26 12:59 1997 router/source/cqd ralk.f  
r--r--r-- 1000/100 5056 Oct 26 12:59 1997 router/source/cqd r all.f  
r--r--r-- 1000/100 8226 Oct 26 12:59 1997 router/source/cqd ralp.f  
r--r--r-- 1000/100 3728 Oct 26 12:59 1997 router/source/cqd ralx.f  
r--r--r-- 1000/100 4388 Oct 26 12:59 1997 router/source/cqd rasg.f  
r--r--r-- 1000/100 4234 Oct 26 12:59 1997 router/source/cqd rasp.f  
r--r--r-- 1000/100 4993 Oct 26 12:59 1997 router/source/cqd rbal.f  
r--r--r-- 1000/100 9457 Oct 26 12:59 1997 router/source/cqd rbb l.f  
r--r--r-- 1000/100 4637 Oct 26 12:59 1997 router/source/cqd rbc r.f  
r--r--r-- 1000/100 4446 Oct 26 12:59 1997 router/source/cqd rber.f  
r--r--r-- 1000/100 4615 Oct 26 12:59 1997 router/source/cqd rbex.f

r--r--r-- 1000/100 4686 Oct 26 12:59 1997 router/source/cqdrbgr.f  
r--r--r-- 1000/100 4966 Oct 26 12:59 1997 router/source/cqdrbgt.f  
r--r--r-- 1000/100 4632 Oct 26 12:59 1997 router/source/cqdrbia.f  
r--r--r-- 1000/100 4616 Oct 26 12:59 1997 router/source/cqdrbim.f  
r--r--r-- 1000/100 4624 Oct 26 12:59 1997 router/source/cqdrbko.f  
r--r--r-- 1000/100 6068 Oct 26 12:59 1997 router/source/cqdrblt.f  
r--r--r-- 1000/100 3764 Oct 26 12:59 1997 router/source/cqdrbma.f  
r--r--r-- 1000/100 4630 Oct 26 12:59 1997 router/source/cqdrbrt.f  
r--r--r-- 1000/100 4617 Oct 26 12:59 1997 router/source/cqdrbth.f  
r--r--r-- 1000/100 4637 Oct 26 12:59 1997 router/source/cqdrbw.f  
r--r--r-- 1000/100 4898 Oct 26 12:59 1997 router/source/cqdrcbk.f  
r--r--r-- 1000/100 3994 Oct 26 12:59 1997 router/source/cqdrcd.f  
r--r--r-- 1000/100 9771 Oct 26 12:59 1997 router/source/cqdrcp.f  
r--r--r-- 1000/100 8491 Oct 26 12:59 1997 router/source/cqdrcdp.f  
r--r--r-- 1000/100 10731 Oct 26 12:59 1997 router/source/cqdrcig.f  
r--r--r-- 1000/100 9790 Oct 26 12:59 1997 router/source/cqdrcip.f  
r--r--r-- 1000/100 1636 Oct 6 14:04 1997 router/source/CQCRTK  
r--r--r-- 1000/100 1436 Oct 19 18:33 1997 router/source/CQCRIFN  
r--r--r-- 1000/100 2067 Oct 6 14:04 1997 router/source/CQCRHDR2  
r--r--r-- 1000/100 1437 Oct 6 14:04 1997 router/source/CQCRLTP  
r--r--r-- 1000/100 2625 Oct 6 14:04 1997 router/source/CQCRHDR  
r--r--r-- 1000/100 2941 Oct 6 14:04 1997 router/source/CQCRTN  
r--r--r-- 1000/100 1314 Oct 6 14:04 1997 router/source/CQCRSCD  
r--r--r-- 1000/100 25432 Oct 19 18:35 1997 router/source/CQCRTK2  
r--r--r-- 1000/100 5938 Oct 6 14:04 1997 router/source/CQCRTED  
r--r--r-- 1000/100 3942 Oct 6 14:04 1997 router/source/CQCRTD  
r--r--r-- 1000/100 8604 Oct 19 18:36 1997 router/source/CQCRSDC  
r--r--r-- 1000/100 22025 Oct 19 18:35 1997 router/source/CQCRTIF  
r--r--r-- 1000/100 10785 Oct 26 12:59 1997 router/source/cqdrclg.f  
r--r--r-- 1000/100 9780 Oct 26 12:59 1997 router/source/cqdrclp.f  
r--r--r-- 1000/100 5415 Oct 26 12:59 1997 router/source/cqdrccb.f  
r--r--r-- 1000/100 7494 Oct 26 12:59 1997 router/source/cqdrccg.f  
r--r--r-- 1000/100 17830 Oct 19 18:35 1997 router/source/CQCRTKN  
r--r--r-- 1000/100 4448 Oct 26 12:59 1997 router/source/cqdrck.f  
r--r--r-- 1000/100 5032 Oct 26 12:59 1997 router/source/cqdrcl.f  
r--r--r-- 1000/100 8968 Oct 26 12:59 1997 router/source/cqdrcrp.f  
r--r--r-- 1000/100 7559 Oct 26 12:59 1997 router/source/cqdrdrv.f  
r--r--r-- 1000/100 4740 Oct 26 12:59 1997 router/source/cqdrdln.f  
r--r--r-- 1000/100 11450 Oct 26 12:59 1997 router/source/cqdrdmg.f  
r--r--r-- 1000/100 5772 Oct 26 12:59 1997 router/source/cqdrdsh.f  
r--r--r-- 1000/100 4964 Oct 26 12:59 1997 router/source/cqdrdst.f  
r--r--r-- 1000/100 4818 Oct 26 12:59 1997 router/source/cqdreal.f  
r--r--r-- 1000/100 4749 Oct 26 12:59 1997 router/source/cqdrecr.f  
r--r--r-- 1000/100 4757 Oct 26 12:59 1997 router/source/cqdreex.f  
r--r--r-- 1000/100 4758 Oct 26 12:59 1997 router/source/cqdregr.f  
r--r--r-- 1000/100 4798 Oct 26 12:59 1997 router/source/cqdreia.f  
r--r--r-- 1000/100 4732 Oct 26 12:59 1997 router/source/cqdreiim.f  
r--r--r-- 1000/100 4962 Oct 26 12:59 1997 router/source/cqdrerb.f  
r--r--r-- 1000/100 6809 Oct 26 12:59 1997 router/source/cqdrerg.f  
r--r--r-- 1000/100 3992 Oct 26 12:59 1997 router/source/cqdrerk.f  
r--r--r-- 1000/100 4571 Oct 26 12:59 1997 router/source/cqdrerl.f  
r--r--r-- 1000/100 6557 Oct 26 12:59 1997 router/source/cqdrerp.f

r--r--r-- 1000/100 5915 Oct 26 12:59 1997 router/source/cqdrerv.f  
r--r--r-- 1000/100 4743 Oct 26 12:59 1997 router/source/cqdreth.f  
r--r--r-- 1000/100 4746 Oct 26 12:59 1997 router/source/cqdrewd.f  
r--r--r-- 1000/100 4607 Oct 6 14:04 1997 router/source/CQCDEVN  
r--r--r-- 1000/100 5447 Oct 26 12:59 1997 router/source/cqdrexb.f  
r--r--r-- 1000/100 7771 Oct 26 12:59 1997 router/source/cqdrexg.f  
r--r--r-- 1000/100 4374 Oct 26 12:59 1997 router/source/cqdrexk.f  
r--r--r-- 1000/100 5032 Oct 26 12:59 1997 router/source/cqdrexl.f  
r--r--r-- 1000/100 8082 Oct 26 12:59 1997 router/source/cqdrexp.f  
r--r--r-- 1000/100 6823 Oct 26 12:59 1997 router/source/cqdrexv.f  
r--r--r-- 1000/100 5358 Oct 26 12:59 1997 router/source/cqdrfan.f  
r--r--r-- 1000/100 3751 Oct 26 12:59 1997 router/source/cqdrffs.f  
r--r--r-- 1000/100 5951 Oct 26 12:59 1997 router/source/cqdrfgn.f  
r--r--r-- 1000/100 6024 Oct 26 12:59 1997 router/source/cqdrfia.f  
r--r--r-- 1000/100 6053 Oct 26 12:59 1997 router/source/cqdrfip.f  
r--r--r-- 1000/100 6906 Oct 26 12:59 1997 router/source/cqdrftr.f  
r--r--r-- 1000/100 4218 Oct 26 12:59 1997 router/source/cqdrgad.f  
r--r--r-- 1000/100 1418 Oct 6 14:04 1997 router/source/CQCRTLV  
r--r--r-- 1000/100 2354 Oct 6 14:04 1997 router/source/CQCSAVE  
r--r--r-- 1000/100 7043 Oct 6 14:04 1997 router/source/CQCRTYC  
r--r--r-- 1000/100 4157 Oct 26 12:59 1997 router/source/cqdrgag.f  
r--r--r-- 1000/100 5578 Oct 26 12:59 1997 router/source/cqdrgal.f  
r--r--r-- 1000/100 4062 Oct 26 12:59 1997 router/source/cqdrgas.f  
r--r--r-- 1000/100 4055 Oct 26 12:59 1997 router/source/cqdrgaw.f  
r--r--r-- 1000/100 3451 Oct 26 12:59 1997 router/source/cqdrgbaf.f  
r--r--r-- 1000/100 4180 Oct 26 12:59 1997 router/source/cqdrgbf.f  
r--r--r-- 1000/100 4116 Oct 26 12:59 1997 router/source/cqdrgblk.f  
r--r--r-- 1000/100 4202 Oct 26 12:59 1997 router/source/cqdrgcg.f  
r--r--r-- 1000/100 5329 Oct 26 12:59 1997 router/source/cqdrgcl.f  
r--r--r-- 1000/100 1693 Oct 6 14:04 1997 router/source/CQCSCDC  
r--r--r-- 1000/100 3999 Oct 6 14:04 1997 router/source/CQCSCTV  
r--r--r-- 1000/100 902 Oct 6 14:04 1997 router/source/CQCSCKN  
r--r--r-- 1000/100 11658 Oct 6 14:04 1997 router/source/CQCSDF  
r--r--r-- 1000/100 6457 Oct 6 14:04 1997 router/source/CQCSDC  
r--r--r-- 1000/100 2580 Oct 6 14:04 1997 router/source/CQCSECN  
r--r--r-- 1000/100 4747 Oct 6 14:04 1997 router/source/CQCSED  
r--r--r-- 1000/100 1537 Oct 6 14:04 1997 router/source/CQCSEAI  
r--r--r-- 1000/100 7491 Oct 6 14:04 1997 router/source/CQCSEXL  
r--r--r-- 1000/100 4175 Oct 6 14:04 1997 router/source/CQCSERD  
r--r--r-- 1000/100 1366 Oct 6 14:04 1997 router/source/CQCSENR  
r--r--r-- 1000/100 1344 Oct 6 14:04 1997 router/source/CQCSGER  
r--r--r-- 1000/100 3571 Oct 6 14:04 1997 router/source/CQCSFDF  
r--r--r-- 1000/100 9031 Oct 6 14:04 1997 router/source/CQCSEPM  
r--r--r-- 1000/100 2675 Oct 6 14:04 1997 router/source/CQCSGIF  
r--r--r-- 1000/100 5695 Oct 26 12:59 1997 router/source/cqdrgcr.f  
r--r--r-- 1000/100 8551 Oct 26 12:59 1997 router/source/cqdrgdg.f  
r--r--r-- 1000/100 5086 Oct 26 12:59 1997 router/source/cqdrgdl.f  
r--r--r-- 1000/100 4676 Oct 26 12:59 1997 router/source/cqdrgec.f  
r--r--r-- 1000/100 5463 Oct 26 12:59 1997 router/source/cqdrger.f  
r--r--r-- 1000/100 4188 Oct 26 12:59 1997 router/source/cqdrges.f  
r--r--r-- 1000/100 5620 Oct 26 12:59 1997 router/source/cqdrgex.f  
r--r--r-- 1000/100 4015 Oct 26 12:59 1997 router/source/cqdrggc.f

r--r--r-- 1000/100 5184 Oct 26 12:59 1997 router/source/cqdrggd.f  
r--r--r-- 1000/100 5466 Oct 26 12:59 1997 router/source/cqdrggr.f  
r--r--r-- 1000/100 4285 Oct 26 12:59 1997 router/source/cqdrggt.f  
r--r--r-- 1000/100 3483 Oct 26 12:59 1997 router/source/cqdrggv.f  
r--r--r-- 1000/100 4318 Oct 26 12:59 1997 router/source/cqdrgig.f  
r--r--r-- 1000/100 7409 Oct 26 12:59 1997 router/source/cqdrgii.f  
r--r--r-- 1000/100 4625 Oct 26 12:59 1997 router/source/cqdrgil.f  
r--r--r-- 1000/100 5439 Oct 26 12:59 1997 router/source/cqdrgim.f  
r--r--r-- 1000/100 5583 Oct 26 12:59 1997 router/source/cqdrgir.f  
r--r--r-- 1000/100 8657 Oct 26 12:59 1997 router/source/cqdrgit.f  
r--r--r-- 1000/100 5353 Oct 26 12:59 1997 router/source/cqdrgko.f  
r--r--r-- 1000/100 7496 Oct 26 12:59 1997 router/source/cqdrgli.f  
r--r--r-- 1000/100 4151 Oct 26 12:59 1997 router/source/cqdrglp.f  
r--r--r-- 1000/100 4655 Oct 6 14:04 1997 router/source/CQCSPV  
r--r--r-- 1000/100 4004 Oct 26 12:59 1997 router/source/cqdrgmc.f  
r--r--r-- 1000/100 4410 Oct 26 12:59 1997 router/source/cqdrgms.f  
r--r--r-- 1000/100 3622 Oct 26 12:59 1997 router/source/cqdrgnx.f  
r--r--r-- 1000/100 4315 Oct 26 13:00 1997 router/source/cqdrgpi.f  
r--r--r-- 1000/100 3561 Oct 26 13:00 1997 router/source/cqdrgpn.f  
r--r--r-- 1000/100 4346 Oct 26 13:00 1997 router/source/cqdrgpt.f  
r--r--r-- 1000/100 5403 Oct 26 13:00 1997 router/source/cqdrgrb.f  
r--r--r-- 1000/100 7619 Oct 26 13:00 1997 router/source/cqdrgrg.f  
r--r--r-- 1000/100 6957 Oct 26 13:00 1997 router/source/cqdrgri.f  
r--r--r-- 1000/100 4369 Oct 26 13:00 1997 router/source/cqdrgrk.f  
r--r--r-- 1000/100 4996 Oct 26 13:00 1997 router/source/cqdrgrl.f  
r--r--r-- 1000/100 5726 Oct 26 13:00 1997 router/source/cqdrgrn.f  
r--r--r-- 1000/100 4690 Oct 26 13:00 1997 router/source/cqdrgro.f  
r--r--r-- 1000/100 8600 Oct 26 13:00 1997 router/source/cqdrgrp.f  
r--r--r-- 1000/100 4066 Oct 26 13:00 1997 router/source/cqdrgrs.f  
r--r--r-- 1000/100 6030 Oct 26 13:00 1997 router/source/cqdrgrv.f  
r--r--r-- 1000/100 3971 Oct 26 13:00 1997 router/source/cqdrgsa.f  
r--r--r-- 1000/100 6268 Oct 26 13:00 1997 router/source/cqdrgtb.f  
r--r--r-- 1000/100 4348 Oct 26 13:00 1997 router/source/cqdrgte.f  
r--r--r-- 1000/100 5346 Oct 26 13:00 1997 router/source/cqdrgth.f  
r--r--r-- 1000/100 4315 Oct 26 13:00 1997 router/source/cqdrgtk.f  
r--r--r-- 1000/100 4533 Oct 26 13:00 1997 router/source/cqdrgtl.f  
r--r--r-- 1000/100 8888 Oct 26 13:00 1997 router/source/cqdrgtp.f  
r--r--r-- 1000/100 8731 Oct 26 13:00 1997 router/source/cqdrgtr.f  
r--r--r-- 1000/100 1946 Oct 6 14:04 1997 router/source/CQCSRIF  
r--r--r-- 1000/100 1564 Oct 6 14:04 1997 router/source/CQCST2  
r--r--r-- 1000/100 3390 Oct 6 14:04 1997 router/source/CQCSTRN  
r--r--r-- 1000/100 8619 Oct 6 14:04 1997 router/source/CQCSRCN  
r--r--r-- 1000/100 6051 Oct 6 14:04 1997 router/source/CQCSTR  
r--r--r-- 1000/100 5023 Oct 6 14:04 1997 router/source/CQCTHRT  
r--r--r-- 1000/100 3656 Oct 6 14:04 1997 router/source/CQCTEXP  
r--r--r-- 1000/100 1053 Oct 6 14:04 1997 router/source/CQCTDAT  
r--r--r-- 1000/100 5456 Oct 6 14:04 1997 router/source/CQCSWP  
r--r--r-- 1000/100 5521 Oct 6 14:04 1997 router/source/CQCTMF  
r--r--r-- 1000/100 7969 Oct 6 14:04 1997 router/source/CQCTMP  
r--r--r-- 1000/100 6412 Oct 6 14:04 1997 router/source/CQCTOCM  
r--r--r-- 1000/100 4097 Oct 26 13:00 1997 router/source/cqdrgtt.f  
r--r--r-- 1000/100 1555 Oct 6 14:04 1997 router/source/CQCTRPT

r--r--r-- 1000/100 4359 Oct 6 14:04 1997 router/source/CQCTRC  
r--r--r-- 1000/100 4933 Oct 26 13:00 1997 router/source/cqdrgtu.f  
r--r--r-- 1000/100 11513 Oct 26 13:00 1997 router/source/cqdrgtv.f  
r--r--r-- 1000/100 12439 Oct 26 13:00 1997 router/source/cqdrgui.f  
r--r--r-- 1000/100 4365 Oct 26 13:00 1997 router/source/cqdrgvf.f  
r--r--r-- 1000/100 4029 Oct 26 13:00 1997 router/source/cqdrgvs.f  
r--r--r-- 1000/100 5428 Oct 26 13:00 1997 router/source/cqdrgwd.f  
r--r--r-- 1000/100 4059 Oct 26 13:00 1997 router/source/cqdrgwg.f  
r--r--r-- 1000/100 4661 Oct 26 13:00 1997 router/source/cqdrgwi.f  
r--r--r-- 1000/100 5875 Oct 26 13:00 1997 router/source/cqdrgwl.f  
r--r--r-- 1000/100 4329 Oct 26 13:00 1997 router/source/cqdrgwt.f  
r--r--r-- 1000/100 4892 Oct 26 13:00 1997 router/source/cqdrhal.f  
r--r--r-- 1000/100 4858 Oct 26 13:00 1997 router/source/cqdrhcr.f  
r--r--r-- 1000/100 4633 Oct 26 13:00 1997 router/source/cqdrher.f  
r--r--r-- 1000/100 4844 Oct 26 13:00 1997 router/source/cqdrhex.f  
r--r--r-- 1000/100 4843 Oct 26 13:00 1997 router/source/cqdrhgr.f  
r--r--r-- 1000/100 5057 Oct 26 13:00 1997 router/source/cqdrhia.f  
r--r--r-- 1000/100 4897 Oct 26 13:00 1997 router/source/cqdrhim.f  
r--r--r-- 1000/100 4953 Oct 26 13:00 1997 router/source/cqdrhlc.f  
r--r--r-- 1000/100 4956 Oct 26 13:00 1997 router/source/cqdrhrc.f  
r--r--r-- 1000/100 5179 Oct 26 13:00 1997 router/source/cqdrhrp.f  
r--r--r-- 1000/100 4852 Oct 26 13:00 1997 router/source/cqdrhth.f  
r--r--r-- 1000/100 4897 Oct 26 13:00 1997 router/source/cqdrhwd.f  
r--r--r-- 1000/100 4386 Oct 26 13:00 1997 router/source/cqdriak.f  
r--r--r-- 1000/100 5162 Oct 26 13:00 1997 router/source/cqdrial.f  
r--r--r-- 1000/100 5964 Oct 26 13:00 1997 router/source/cqdrian.f  
r--r--r-- 1000/100 8449 Oct 26 13:00 1997 router/source/cqdriap.f  
r--r--r-- 1000/100 4116 Oct 26 13:00 1997 router/source/cqdriax.f  
r--r--r-- 1000/100 3783 Oct 26 13:00 1997 router/source/cqdriec.f  
r--r--r-- 1000/100 5292 Oct 26 13:00 1997 router/source/cqdrimb.f  
r--r--r-- 1000/100 7859 Oct 26 13:00 1997 router/source/cqdrimg.f  
r--r--r-- 1000/100 4372 Oct 26 13:00 1997 router/source/cqdrimk.f  
r--r--r-- 1000/100 5004 Oct 26 13:00 1997 router/source/cqdriml.f  
r--r--r-- 1000/100 8192 Oct 26 13:00 1997 router/source/cqdrimp.f  
r--r--r-- 1000/100 15531 Oct 26 13:00 1997 router/source/cqdrimv.f  
r--r--r-- 1000/100 4137 Oct 26 13:00 1997 router/source/cqdriinn.f  
r--r--r-- 1000/100 12789 Oct 26 13:00 1997 router/source/cqdriinp.f  
r--r--r-- 1000/100 6994 Oct 26 13:00 1997 router/source/cqdrint.f  
r--r--r-- 1000/100 4875 Oct 26 13:00 1997 router/source/cqdrird.f  
r--r--r-- 1000/100 4608 Oct 26 13:00 1997 router/source/cqdrirg.f  
r--r--r-- 1000/100 4810 Oct 26 13:00 1997 router/source/cqdrirn.f  
r--r--r-- 1000/100 4811 Oct 26 13:00 1997 router/source/cqdrirp.f  
r--r--r-- 1000/100 4517 Oct 26 13:00 1997 router/source/cqdrikal.f  
r--r--r-- 1000/100 4534 Oct 26 13:00 1997 router/source/cqdrikcr.f  
r--r--r-- 1000/100 4523 Oct 26 13:00 1997 router/source/cqdriker.f  
r--r--r-- 1000/100 1959 Oct 6 14:04 1997 router/source/CQCSIF  
r--r--r-- 1000/100 1443 Oct 6 14:04 1997 router/source/CQCSLKN  
r--r--r-- 1000/100 4513 Oct 26 13:00 1997 router/source/cqdrikex.f  
r--r--r-- 1000/100 4511 Oct 26 13:00 1997 router/source/cqdrikgr.f  
r--r--r-- 1000/100 4784 Oct 26 13:00 1997 router/source/cqdrikgt.f  
r--r--r-- 1000/100 4573 Oct 26 13:00 1997 router/source/cqdrikia.f  
r--r--r-- 1000/100 4484 Oct 26 13:00 1997 router/source/cqdrikim.f

r--r--r-- 1000/100 4451 Oct 26 13:00 1997 router/source/cqdrkko.f  
r--r--r-- 1000/100 4760 Oct 26 13:00 1997 router/source/cqdrkob.f  
r--r--r-- 1000/100 7904 Oct 26 13:00 1997 router/source/cqdrkog.f  
r--r--r-- 1000/100 2286 Oct 6 14:04 1997 router/source/CQCSLIF  
r--r--r-- 1000/100 4405 Oct 26 13:00 1997 router/source/cqdrkok.f  
r--r--r-- 1000/100 4993 Oct 26 13:00 1997 router/source/cqdrkol.f  
r--r--r-- 1000/100 8318 Oct 26 13:00 1997 router/source/cqdrkop.f  
r--r--r-- 1000/100 5513 Oct 26 13:00 1997 router/source/cqdrkpv.f  
r--r--r-- 1000/100 11287 Oct 26 13:00 1997 router/source/cqdrkrg.f  
r--r--r-- 1000/100 1051 Oct 6 14:04 1997 router/source/CQCSHDN  
r--r--r-- 1000/100 1139 Oct 6 14:04 1997 router/source/CQCSPRV  
r--r--r-- 1000/100 1813 Oct 6 14:04 1997 router/source/CQCSIIF  
r--r--r-- 1000/100 4881 Oct 26 13:00 1997 router/source/cqdrkrt.f  
r--r--r-- 1000/100 4985 Oct 26 13:00 1997 router/source/cqdrkss.f  
r--r--r-- 1000/100 4506 Oct 26 13:00 1997 router/source/cqdrkth.f  
r--r--r-- 1000/100 4510 Oct 26 13:00 1997 router/source/cqdrkwd.f  
r--r--r-- 1000/100 5270 Oct 26 13:00 1997 router/source/cqdrlcb.f  
r--r--r-- 1000/100 9036 Oct 6 14:04 1997 router/source/CQCVLD  
r--r--r-- 1000/100 5340 Oct 6 14:04 1997 router/source/CQCTSPM  
r--r--r-- 1000/100 2282 Oct 6 14:04 1997 router/source/CQCVFCN  
r--r--r-- 1000/100 2324 Oct 6 14:04 1997 router/source/CQCVPC  
r--r--r-- 1000/100 1659 Oct 6 14:04 1997 router/source/CQCWDAT  
r--r--r-- 1000/100 23799 Oct 6 14:04 1997 router/source/CQCVPCN  
r--r--r-- 1000/100 12178 Oct 6 14:04 1997 router/source/CQCWDKN  
r--r--r-- 1000/100 1531 Oct 6 14:04 1997 router/source/CQCWDIC  
r--r--r-- 1000/100 16293 Oct 6 14:04 1997 router/source/CQCWDRI  
r--r--r-- 1000/100 3049 Oct 6 14:04 1997 router/source/CQCWND  
r--r--r-- 1000/100 5078 Oct 26 13:00 1997 router/source/cqdrlcl.f  
r--r--r-- 1000/100 6939 Oct 26 13:00 1997 router/source/cqdrlcv.f  
r--r--r-- 1000/100 6720 Oct 26 13:00 1997 router/source/cqdrlif.f  
r--r--r-- 1000/100 3841 Oct 26 13:00 1997 router/source/cqdrlkn.f  
r--r--r-- 1000/100 1363 Oct 8 19:22 1997 router/source/CQCWIND  
r--r--r-- 1000/100 5924 Oct 26 13:00 1997 router/source/cqdrlle.f  
r--r--r-- 1000/100 4835 Oct 26 13:00 1997 router/source/cqdrlnc.f  
r--r--r-- 1000/100 10122 Oct 26 13:00 1997 router/source/cqdrlnr.f  
r--r--r-- 1000/100 4893 Oct 26 13:00 1997 router/source/cqdrlpc.f  
r--r--r-- 1000/100 4454 Oct 26 13:00 1997 router/source/cqdrlrg.f  
r--r--r-- 1000/100 4611 Oct 26 13:00 1997 router/source/cqdrlrp.f  
r--r--r-- 1000/100 7311 Oct 26 13:00 1997 router/source/cqdrmia.f  
r--r--r-- 1000/100 6957 Oct 26 13:00 1997 router/source/cqdrmrt.f  
r--r--r-- 1000/100 4780 Oct 26 13:00 1997 router/source/cqdrmsk.f  
r--r--r-- 1000/100 4462 Oct 26 13:00 1997 router/source/cqdrmst.f  
r--r--r-- 1000/100 4409 Oct 26 13:00 1997 router/source/cqdrmtk.f  
r--r--r-- 1000/100 4369 Oct 26 13:00 1997 router/source/cqdrnal.f  
r--r--r-- 1000/100 4336 Oct 26 13:00 1997 router/source/cqdrncl.f  
r--r--r-- 1000/100 4325 Oct 26 13:00 1997 router/source/cqdrncr.f  
r--r--r-- 1000/100 3894 Oct 26 13:00 1997 router/source/cqdrner.f  
r--r--r-- 1000/100 4359 Oct 26 13:00 1997 router/source/cqdrngr.f  
r--r--r-- 1000/100 4513 Oct 26 13:00 1997 router/source/cqdrnia.f  
r--r--r-- 1000/100 5288 Oct 26 13:00 1997 router/source/cqdrnrl.f  
r--r--r-- 1000/100 3897 Oct 26 13:00 1997 router/source/cqdrnwdf  
r--r--r-- 1000/100 4044 Oct 26 13:00 1997 router/source/cqdrpad.f

r--r--r-- 1000/100 3972 Oct 26 13:00 1997 router/source/cqdrpaf.f  
r--r--r-- 1000/100 4000 Oct 26 13:00 1997 router/source/cqdrpag.f  
r--r--r-- 1000/100 3872 Oct 26 13:00 1997 router/source/cqdrpas.f  
r--r--r-- 1000/100 4062 Oct 26 13:00 1997 router/source/cqdrpbf.f  
r--r--r-- 1000/100 7371 Oct 26 13:00 1997 router/source/cqdrpbg.f  
r--r--r-- 1000/100 3939 Oct 26 13:00 1997 router/source/cqdrpbk.f  
r--r--r-- 1000/100 7985 Oct 26 13:00 1997 router/source/cqdrpci.f  
r--r--r-- 1000/100 5035 Oct 26 13:00 1997 router/source/cqdrpcs.f  
r--r--r-- 1000/100 11549 Oct 6 14:04 1997 router/source/CQCWPN  
r--r--r-- 1000/100 2730 Oct 6 14:04 1997 router/source/CQCWTPN  
r--r--r-- 1000/100 4297 Oct 26 13:00 1997 router/source/cqdrpec.f  
r--r--r-- 1000/100 2426 Oct 6 14:04 1997 router/source/CQCWTC  
r--r--r-- 1000/100 2798 Oct 19 18:33 1997 router/source/CQCXCR  
r--r--r-- 1000/100 2088 Oct 6 14:04 1997 router/source/CQCYKO  
r--r--r-- 1000/100 2007 Oct 6 14:04 1997 router/source/CQCZMIE  
r--r--r-- 1000/100 181 Oct 6 14:04 1997 router/source/CQZENDR  
r--r--r-- 1000/100 706 Oct 6 14:04 1997 router/source/CQZDYAN  
r--r--r-- 1000/100 43 Oct 6 14:04 1997 router/source/CQZDBUG  
r--r--r-- 1000/100 90 Oct 6 14:04 1997 router/source/CQZMAGC  
r--r--r-- 1000/100 170 Oct 6 14:04 1997 router/source/CQZMAGX  
r--r--r-- 1000/100 386 Oct 6 14:04 1997 router/source/CQZSTRT  
r--r--r-- 1000/100 4151 Oct 26 13:00 1997 router/source/cqdrpev.f  
r--r--r-- 1000/100 3975 Oct 26 13:00 1997 router/source/cqdrpgc.f  
r--r--r-- 1000/100 4177 Oct 26 13:00 1997 router/source/cqdrpgf.f  
r--r--r-- 1000/100 3438 Oct 26 13:00 1997 router/source/cqdrpgv.f  
r--r--r-- 1000/100 4023 Oct 26 13:00 1997 router/source/cqdrphk.f  
r--r--r-- 1000/100 7053 Oct 26 13:00 1997 router/source/cqdrpii.f  
r--r--r-- 1000/100 8590 Oct 26 13:00 1997 router/source/cqdrpit.f  
r--r--r-- 1000/100 7516 Oct 26 13:00 1997 router/source/cqdrpli.f  
r--r--r-- 1000/100 4145 Oct 26 13:00 1997 router/source/cqdrplp.f  
r--r--r-- 1000/100 4030 Oct 26 13:00 1997 router/source/cqdrpmf.f  
r--r--r-- 1000/100 4032 Oct 26 13:00 1997 router/source/cqdrppk.f  
r--r--r-- 1000/100 3481 Oct 26 13:00 1997 router/source/cqdrppn.f  
r--r--r-- 1000/100 6982 Oct 26 13:00 1997 router/source/cqdrpri.f  
r--r--r-- 1000/100 4807 Oct 26 13:00 1997 router/source/cqdrprl.f  
r--r--r-- 1000/100 4536 Oct 26 13:00 1997 router/source/cqdrprv.f  
r--r--r-- 1000/100 5035 Oct 26 13:00 1997 router/source/cqdrpsi.f  
r--r--r-- 1000/100 4966 Oct 26 13:00 1997 router/source/cqdrpst.f  
r--r--r-- 1000/100 4349 Oct 26 13:00 1997 router/source/cqdrptu.f  
r--r--r-- 1000/100 4056 Oct 26 13:00 1997 router/source/cqdrpvf.f  
r--r--r-- 1000/100 4041 Oct 26 13:00 1997 router/source/cqdrpvf.f  
r--r--r-- 1000/100 4312 Oct 26 13:00 1997 router/source/cqdrpwg.f  
r--r--r-- 1000/100 5924 Oct 26 13:00 1997 router/source/cqdrqal.f  
r--r--r-- 1000/100 5070 Oct 26 13:00 1997 router/source/cqdrqan.f  
r--r--r-- 1000/100 9401 Oct 26 13:00 1997 router/source/cqdrqar.f  
r--r--r-- 1000/100 8588 Oct 26 13:00 1997 router/source/cqdrqas.f  
r--r--r-- 1000/100 12154 Oct 26 13:00 1997 router/source/cqdrqcr.f  
r--r--r-- 1000/100 5721 Oct 26 13:00 1997 router/source/cqdrqcs.f  
r--r--r-- 1000/100 5342 Oct 26 13:00 1997 router/source/cqdrqct.f  
r--r--r-- 1000/100 5382 Oct 26 13:00 1997 router/source/cqdrqes.f  
r--r--r-- 1000/100 6437 Oct 26 13:00 1997 router/source/cqdrqex.f  
r--r--r-- 1000/100 6122 Oct 26 13:00 1997 router/source/cqdrqgr.f

r--r--r-- 1000/100 6000 Oct 26 13:00 1997 router/source/cqdrqia.f  
r--r--r-- 1000/100 6035 Oct 26 13:00 1997 router/source/cqdrqim.f  
r--r--r-- 1000/100 11103 Oct 26 13:00 1997 router/source/cqdrqlc.f  
r--r--r-- 1000/100 5454 Oct 26 13:00 1997 router/source/cqdrqlt.f  
r--r--r-- 1000/100 11143 Oct 26 13:00 1997 router/source/cqdrqrc.f  
r--r--r-- 1000/100 3951 Oct 26 13:00 1997 router/source/cqdrqrdf  
r--r--r-- 1000/100 4726 Oct 26 13:00 1997 router/source/cqdrqrif  
r--r--r-- 1000/100 5957 Oct 26 13:00 1997 router/source/cqdrqrn.f  
r--r--r-- 1000/100 5152 Oct 26 13:00 1997 router/source/cqdrqrif  
r--r--r-- 1000/100 5445 Oct 26 13:00 1997 router/source/cqdrqrif  
r--r--r-- 1000/100 3564 Oct 26 13:00 1997 router/source/cqdrqsd.f  
r--r--r-- 1000/100 8115 Oct 26 13:00 1997 router/source/cqdrqth.f  
r--r--r-- 1000/100 6573 Oct 26 13:00 1997 router/source/cqdrqun.f  
r--r--r-- 1000/100 5342 Oct 26 13:00 1997 router/source/cqdrrcb.f  
r--r--r-- 1000/100 5238 Oct 26 13:00 1997 router/source/cqdrrcl.f  
r--r--r-- 1000/100 6966 Oct 26 13:00 1997 router/source/cqdrrcv.f  
r--r--r-- 1000/100 15499 Oct 26 13:00 1997 router/source/cqdrrds.f  
r--r--r-- 1000/100 4971 Oct 26 13:00 1997 router/source/cqdrrid.f  
r--r--r-- 1000/100 4556 Oct 26 13:00 1997 router/source/cqdrrko.f  
r--r--r-- 1000/100 7441 Oct 26 13:00 1997 router/source/cqdrrng.f  
r--r--r-- 1000/100 4464 Oct 26 13:00 1997 router/source/cqdrrrg.f  
r--r--r-- 1000/100 4694 Oct 26 13:00 1997 router/source/cqdrrrp.f  
r--r--r-- 1000/100 5879 Oct 26 13:00 1997 router/source/cqdrrsg.f  
r--r--r-- 1000/100 8336 Oct 26 13:00 1997 router/source/cqdrrsv.f  
r--r--r-- 1000/100 10308 Oct 26 13:00 1997 router/source/cqdrrtg.f  
r--r--r-- 1000/100 6975 Oct 6 14:04 1997 router/source/CQCWPAR  
r--r--r-- 1000/100 4333 Oct 26 13:00 1997 router/source/cqdrrtk.f  
r--r--r-- 1000/100 10047 Oct 26 13:00 1997 router/source/cqdrrtp.f  
r--r--r-- 1000/100 13400 Oct 26 13:00 1997 router/source/cqdrrtv.f  
r--r--r-- 1000/100 4778 Oct 26 13:00 1997 router/source/cqdrrsal.f  
r--r--r-- 1000/100 4821 Oct 26 13:00 1997 router/source/cqdrrscr.f  
r--r--r-- 1000/100 4460 Oct 26 13:00 1997 router/source/cqdrrser.f  
r--r--r-- 1000/100 4764 Oct 26 13:00 1997 router/source/cqdrrsex.f  
r--r--r-- 1000/100 3166 Oct 26 13:01 1997 router/source/datim.f  
r--r--r-- 1000/100 4718 Oct 26 13:00 1997 router/source/cqdrrsgr.f  
r--r--r-- 1000/100 4878 Oct 26 13:00 1997 router/source/cqdrrsgt.f  
r--r--r-- 1000/100 9533 Oct 26 13:00 1997 router/source/cqdrrshs.f  
r--r--r-- 1000/100 4819 Oct 26 13:00 1997 router/source/cqdrrsia.f  
r--r--r-- 1000/100 3827 Oct 26 13:00 1997 router/source/cqdrrsim.f  
r--r--r-- 1000/100 11291 Oct 26 13:00 1997 router/source/cqdrrsio.f  
r--r--r-- 1000/100 4695 Oct 26 13:00 1997 router/source/cqdrrsko.f  
r--r--r-- 1000/100 4847 Oct 26 13:00 1997 router/source/cqdrrslc.f  
r--r--r-- 1000/100 4292 Oct 26 13:00 1997 router/source/cqdrrslk.f  
r--r--r-- 1000/100 5072 Oct 26 13:00 1997 router/source/cqdrrsnr.f  
r--r--r-- 1000/100 4528 Oct 26 13:00 1997 router/source/cqdrrspr.f  
r--r--r-- 1000/100 4752 Oct 26 13:00 1997 router/source/cqdrrsrc.f  
r--r--r-- 1000/100 4823 Oct 26 13:00 1997 router/source/cqdrrsth.f  
r--r--r-- 1000/100 5113 Oct 26 13:00 1997 router/source/cqdrrstr.f  
r--r--r-- 1000/100 5140 Oct 26 13:00 1997 router/source/cqdrrsun.f  
r--r--r-- 1000/100 4269 Oct 26 13:00 1997 router/source/cqdrtap.f  
r--r--r-- 1000/100 4436 Oct 26 13:00 1997 router/source/cqdrtcr.f  
r--r--r-- 1000/100 4814 Oct 26 13:00 1997 router/source/cqdrtex.f

r--r--r-- 1000/100 5275 Oct 26 13:00 1997 router/source/cqdrthb.f  
r--r--r-- 1000/100 8288 Oct 26 13:00 1997 router/source/cqdrthg.f  
r--r--r-- 1000/100 4344 Oct 26 13:00 1997 router/source/cqdrthk.f  
r--r--r-- 1000/100 5040 Oct 26 13:00 1997 router/source/cqdrthl.f  
r--r--r-- 1000/100 8488 Oct 26 13:00 1997 router/source/cqdrthp.f  
r--r--r-- 1000/100 7226 Oct 26 13:00 1997 router/source/cqdrthv.f  
r--r--r-- 1000/100 5451 Oct 26 13:00 1997 router/source/cqdrtmx.f  
r--r--r-- 1000/100 4886 Oct 26 13:00 1997 router/source/cqdrtrt.f  
r--r--r-- 1000/100 4734 Oct 26 13:00 1997 router/source/cqdrual.f  
r--r--r-- 1000/100 4891 Oct 26 13:00 1997 router/source/cqdrucr.f  
r--r--r-- 1000/100 4740 Oct 26 13:00 1997 router/source/cqdrugr.f  
r--r--r-- 1000/100 4705 Oct 26 13:00 1997 router/source/cqdruia.f  
r--r--r-- 1000/100 4017 Oct 26 13:00 1997 router/source/cqdruim.f  
r--r--r-- 1000/100 4758 Oct 26 13:00 1997 router/source/cqdruko.f  
r--r--r-- 1000/100 4912 Oct 26 13:00 1997 router/source/cqdrulc.f  
r--r--r-- 1000/100 4921 Oct 26 13:00 1997 router/source/cqdrurc.f  
r--r--r-- 1000/100 4924 Oct 26 13:00 1997 router/source/cqdruth.f  
r--r--r-- 1000/100 4833 Oct 26 13:00 1997 router/source/cqdruun.f  
r--r--r-- 1000/100 9503 Oct 26 13:00 1997 router/source/cqdrvam.f  
r--r--r-- 1000/100 3839 Oct 26 13:00 1997 router/source/cqdrvavas.f  
r--r--r-- 1000/100 10404 Oct 26 13:00 1997 router/source/cqdrvbc.f  
r--r--r-- 1000/100 7552 Oct 26 13:00 1997 router/source/cqdrvcr.f  
r--r--r-- 1000/100 7134 Oct 26 13:00 1997 router/source/cqdrvcs.f  
r--r--r-- 1000/100 5197 Oct 26 13:00 1997 router/source/cqdrver.f  
r--r--r-- 1000/100 6074 Oct 26 13:00 1997 router/source/cqdrvex.f  
r--r--r-- 1000/100 5421 Oct 26 13:00 1997 router/source/cqdrvgr.f  
r--r--r-- 1000/100 12726 Oct 26 13:00 1997 router/source/cqdrvgt.f  
r--r--r-- 1000/100 5789 Oct 26 13:00 1997 router/source/cqdrvia.f  
r--r--r-- 1000/100 11543 Oct 26 13:00 1997 router/source/cqdrvim.f  
r--r--r-- 1000/100 4892 Oct 26 13:00 1997 router/source/cqdrvko.f  
r--r--r-- 1000/100 5579 Oct 26 13:00 1997 router/source/cqdrvkp.f  
r--r--r-- 1000/100 7653 Oct 26 13:00 1997 router/source/cqdrvlc.f  
r--r--r-- 1000/100 10855 Oct 26 13:00 1997 router/source/cqdrvma.f  
r--r--r-- 1000/100 6076 Oct 26 13:00 1997 router/source/cqdrvnd.f  
r--r--r-- 1000/100 7344 Oct 26 13:00 1997 router/source/cqdrvrc.f  
r--r--r-- 1000/100 7763 Oct 26 13:00 1997 router/source/cqdrvrs.f  
r--r--r-- 1000/100 10064 Oct 26 13:00 1997 router/source/cqdrvrt.f  
r--r--r-- 1000/100 4226 Oct 26 13:00 1997 router/source/cqdrvsl.f  
r--r--r-- 1000/100 7140 Oct 26 13:00 1997 router/source/cqdrvth.f  
r--r--r-- 1000/100 4910 Oct 26 13:00 1997 router/source/cqdrvts.f  
r--r--r-- 1000/100 8825 Oct 26 13:00 1997 router/source/cqdrvwd.f  
r--r--r-- 1000/100 5787 Oct 26 13:00 1997 router/source/cqdrwdb.f  
r--r--r-- 1000/100 8110 Oct 26 13:00 1997 router/source/cqdrwdg.f  
r--r--r-- 1000/100 4462 Oct 26 13:00 1997 router/source/cqdrwdl.f  
r--r--r-- 1000/100 5048 Oct 26 13:00 1997 router/source/cqdrwdll.f  
r--r--r-- 1000/100 8406 Oct 26 13:00 1997 router/source/cqdrwdp.f  
r--r--r-- 1000/100 10530 Oct 26 13:00 1997 router/source/cqdrwdv.f  
r--r--r-- 1000/100 3624 Oct 26 13:00 1997 router/source/cqdrwec.f  
r--r--r-- 1000/100 3587 Oct 26 13:00 1997 router/source/cqdrwi8.f  
r--r--r-- 1000/100 7095 Oct 26 13:00 1997 router/source/cqdrwng.f  
r--r--r-- 1000/100 4228 Oct 26 13:00 1997 router/source/cqdrwpn.f  
r--r--r-- 1000/100 5167 Oct 26 13:00 1997 router/source/cqdrwrk.f

r--r--r-- 1000/100 4586 Oct 26 13:00 1997 router/source/cqdryko.f  
r--r--r-- 1000/100 5536 Oct 26 13:00 1997 router/source/cqdryrt.f  
r--r--r-- 1000/100 4520 Oct 26 13:00 1997 router/source/cqdryth.f  
r--r--r-- 1000/100 4619 Oct 26 13:00 1997 router/source/cqdrzal.f  
r--r--r-- 1000/100 4757 Oct 26 13:00 1997 router/source/cqdrzcr.f  
r--r--r-- 1000/100 4102 Oct 26 13:00 1997 router/source/cqdrzer.f  
r--r--r-- 1000/100 4701 Oct 26 13:00 1997 router/source/cqdrzex.f  
r--r--r-- 1000/100 4656 Oct 26 13:00 1997 router/source/cqdrzgr.f  
r--r--r-- 1000/100 4571 Oct 26 13:00 1997 router/source/cqdrzgt.f  
r--r--r-- 1000/100 4737 Oct 26 13:00 1997 router/source/cqdrzia.f  
r--r--r-- 1000/100 4647 Oct 26 13:00 1997 router/source/cqdrzim.f  
r--r--r-- 1000/100 4813 Oct 26 13:00 1997 router/source/cqdrzko.f  
r--r--r-- 1000/100 4568 Oct 26 13:00 1997 router/source/cqdrzmt.f  
r--r--r-- 1000/100 6109 Oct 26 13:00 1997 router/source/cqdrzrt.f  
r--r--r-- 1000/100 4537 Oct 26 13:00 1997 router/source/cqdrzsl.f  
r--r--r-- 1000/100 4713 Oct 26 13:00 1997 router/source/cqdrzth.f  
r--r--r-- 1000/100 4938 Oct 26 13:00 1997 router/source/cqdrzwd.f  
r--r--r-- 1000/100 11269 Oct 26 13:00 1997 router/source/cqdsexp.f  
r--r--r-- 1000/100 5337 Oct 26 13:00 1997 router/source/cqdsgct.f  
r--r--r-- 1000/100 6864 Oct 26 13:00 1997 router/source/cqdsopt.f  
r--r--r-- 1000/100 4236 Oct 26 13:00 1997 router/source/cqdspft.f  
r--r--r-- 1000/100 4168 Oct 26 13:00 1997 router/source/cqdsphd.f  
r--r--r-- 1000/100 15820 Oct 26 13:00 1997 router/source/cqdsrda.f  
r--r--r-- 1000/100 6634 Oct 26 13:00 1997 router/source/cqdsrep.f  
r--r--r-- 1000/100 3850 Oct 26 13:00 1997 router/source/cqdsrhd.f  
rw--r-- 1000/100 17690 Oct 26 14:21 1997 router/source/cqdsrp.d  
r--r--r-- 1000/100 8708 Oct 26 13:00 1997 router/source/cqdsshd.f  
r--r--r-- 1000/100 8325 Oct 26 13:00 1997 router/source/cqdsstr.f  
r--r--r-- 1000/100 6200 Oct 26 13:00 1997 router/source/cqdstgt.f  
r--r--r-- 1000/100 10012 Oct 26 13:00 1997 router/source/cqdstat.f  
r--r--r-- 1000/100 11031 Oct 26 13:00 1997 router/source/cqdstm.f  
r--r--r-- 1000/100 16543 Oct 26 13:00 1997 router/source/cqdtodm.f  
r--r--r-- 1000/100 23590 Oct 26 13:00 1997 router/source/cqduacw.f  
r--r--r-- 1000/100 6129 Oct 26 13:00 1997 router/source/cqdualt.f  
r--r--r-- 1000/100 4586 Oct 26 13:00 1997 router/source/cqduarc.f  
r--r--r-- 1000/100 25038 Oct 26 13:00 1997 router/source/cqduaut.f  
r--r--r-- 1000/100 7235 Oct 26 13:00 1997 router/source/cqdubat.f  
r--r--r-- 1000/100 18133 Oct 26 13:00 1997 router/source/cqducar.f  
r--r--r-- 1000/100 11269 Oct 26 13:00 1997 router/source/cqducsd.f  
r--r--r-- 1000/100 3371 Oct 26 13:00 1997 router/source/cqductm.f  
r--r--r-- 1000/100 9154 Oct 26 13:00 1997 router/source/cqdug2a.f  
r--r--r-- 1000/100 4684 Oct 26 13:00 1997 router/source/cqdugdt.f  
r--r--r-- 1000/100 3679 Oct 26 13:00 1997 router/source/cqduhdr.f  
r--r--r-- 1000/100 4844 Oct 26 13:00 1997 router/source/cqduich.f  
r--r--r-- 1000/100 7350 Oct 26 13:00 1997 router/source/cqduigd.f  
r--r--r-- 1000/100 709 Oct 26 13:00 1997 router/source/cqdumpd.f  
r--r--r-- 1000/100 19916 Oct 26 13:00 1997 router/source/cqdupdd.f  
r--r--r-- 1000/100 7953 Oct 26 13:00 1997 router/source/cqdupit.f  
r--r--r-- 1000/100 24706 Oct 26 13:00 1997 router/source/cqdurad.f  
r--r--r-- 1000/100 11351 Oct 26 13:00 1997 router/source/cqdurcs.f  
r--r--r-- 1000/100 7886 Oct 26 13:00 1997 router/source/cqdurko.f  
r--r--r-- 1000/100 12450 Oct 26 13:00 1997 router/source/cqdurtr.f

r--r--r-- 1000/100 10599 Oct 26 13:00 1997 router/source/cqdusam.f  
r--r--r-- 1000/100 16666 Oct 26 13:00 1997 router/source/cqduspv.f  
r--r--r-- 1000/100 7776 Oct 26 13:00 1997 router/source/cqdutmd.f  
r--r--r-- 1000/100 10832 Oct 26 13:00 1997 router/source/cqdutnm.f  
r--r--r-- 1000/100 9088 Oct 26 13:00 1997 router/source/cqdutsd.f  
r--r--r-- 1000/100 8261 Oct 26 13:00 1997 router/source/cqu3dbi.f  
r--r--r-- 1000/100 5054 Oct 26 13:00 1997 router/source/cqucc.f  
r--r--r-- 1000/100 5559 Oct 26 13:00 1997 router/source/cqucfl.f  
r--r--r-- 1000/100 5361 Oct 26 13:00 1997 router/source/cqucrc.f  
r--r--r-- 1000/100 6091 Oct 26 13:00 1997 router/source/cqucvll.f  
r--r--r-- 1000/100 4961 Oct 26 13:00 1997 router/source/cqu cwd.f  
r--r--r-- 1000/100 8503 Oct 26 13:00 1997 router/source/cqudbc.f  
r--r--r-- 1000/100 6667 Oct 26 13:00 1997 router/source/cqudcf.f  
r--r--r-- 1000/100 5213 Oct 26 13:00 1997 router/source/cqudim.f  
r--r--r-- 1000/100 2818 Oct 26 13:00 1997 router/source/cqudprn.f  
r--r--r-- 1000/100 3859 Oct 26 13:00 1997 router/source/cqudrd.f  
r--r--r-- 1000/100 6221 Oct 26 13:00 1997 router/source/cqudwd.f  
r--r--r-- 1000/100 4854 Oct 26 13:00 1997 router/source/cquecon.f  
r--r--r-- 1000/100 6214 Oct 26 13:00 1997 router/source/cquediv.f  
r--r--r-- 1000/100 3452 Oct 26 13:00 1997 router/source/cquendr.f  
r--r--r-- 1000/100 4105 Oct 26 13:00 1997 router/source/cquenst.f  
r--r--r-- 1000/100 7972 Oct 26 13:00 1997 router/source/cquermt.f  
r--r--r-- 1000/100 3996 Oct 26 13:00 1997 router/source/cquerr.f  
r--r--r-- 1000/100 18402 Oct 26 13:00 1997 router/source/cquers.f  
r--r--r-- 1000/100 6220 Oct 26 13:00 1997 router/source/cqueses.f  
r--r--r-- 1000/100 9510 Oct 26 13:00 1997 router/source/cquesub.f  
r--r--r-- 1000/100 5526 Oct 26 13:00 1997 router/source/cquewrm.f  
r--r--r-- 1000/100 9158 Oct 26 13:00 1997 router/source/cquewrt.f  
r--r--r-- 1000/100 5043 Oct 26 13:00 1997 router/source/cqufer.f  
r--r--r-- 1000/100 13013 Oct 26 13:00 1997 router/source/cqufun.f  
r--r--r-- 1000/100 3798 Oct 26 13:00 1997 router/source/cqugoth.f  
r--r--r-- 1000/100 4634 Oct 26 13:00 1997 router/source/cqugrte.f  
r--r--r-- 1000/100 6479 Oct 26 13:00 1997 router/source/cqugun.f  
r--r--r-- 1000/100 4999 Oct 26 13:00 1997 router/source/cquinch.f  
r--r--r-- 1000/100 8904 Oct 26 13:00 1997 router/source/cquisrt.f  
r--r--r-- 1000/100 3943 Oct 26 13:00 1997 router/source/cqulrd.f  
r--r--r-- 1000/100 5300 Oct 26 13:00 1997 router/source/cqumagx.f  
r--r--r-- 1000/100 7227 Oct 26 13:00 1997 router/source/cquprnt.f  
r--r--r-- 1000/100 6286 Oct 26 13:00 1997 router/source/cqurbeg.f  
r--r--r-- 1000/100 3451 Oct 26 13:00 1997 router/source/cqurcls.f  
r--r--r-- 1000/100 3158 Oct 26 13:00 1997 router/source/cqurend.f  
r--r--r-- 1000/100 7405 Oct 26 13:00 1997 router/source/cqurgsk.f  
r--r--r-- 1000/100 3464 Oct 26 13:00 1997 router/source/cqurid.f  
r--r--r-- 1000/100 4353 Oct 26 13:00 1997 router/source/cquriif.f  
r--r--r-- 1000/100 2734 Oct 26 13:00 1997 router/source/cqurint.f  
r--r--r-- 1000/100 13637 Oct 26 13:00 1997 router/source/cqurpe.f  
r--r--r-- 1000/100 7016 Oct 26 13:00 1997 router/source/cqurstr.f  
r--r--r-- 1000/100 6297 Oct 26 13:00 1997 router/source/cquslft.f  
r--r--r-- 1000/100 9016 Oct 26 13:00 1997 router/source/cqusort.f  
r--r--r-- 1000/100 4373 Oct 26 13:00 1997 router/source/cqustop.f  
r--r--r-- 1000/100 4388 Oct 26 13:01 1997 router/source/cqustrt.f  
r--r--r-- 1000/100 2751 Oct 6 14:05 1997 router/source/CQCFSIM

```
r--r--r-- 1000/100 1594 Oct 19 18:35 1997 router/source/CQCUAV
rwxr--r-- 1000/100 44696 Oct 26 11:59 1997 router/source/Build_router_HP_f77
r--r--r-- 1000/100 3386 Oct 19 18:35 1997 router/source/li.c
rwxr--r-- 1000/100 44521 Oct 26 13:22 1997 router/source/Build_router_Sun_f77
```

Third tar file:

```
rwxr-xr-x 1000/100 128284 Sep 3 09:32 1997 ds_client
rwxr-xr-x 1000/100 910784 Sep 4 08:01 1997 hpxx-ds
rwxr-xr-x 1000/100 104696 Oct 9 05:54 1997 hpxx-plan_reader
rwxr-xr-x 1000/100 289684 Aug 25 11:37 1997 if_driver
rwxr-xr-x 0/1 354 Oct 22 13:43 1997 run_client
rwxr-xr-x 0/1 371 Oct 22 13:42 1997 run_ds
rwxr-xr-x 0/1 351 Oct 22 13:43 1997 run_writer
rwxr-xr-x 0/1 218328 Oct 24 22:45 1997 writer
```

Fourth tar file:

```
rwxr-xr-x 1000/100 0 Oct 9 09:31 1997 11/
rw-r--r-- 1000/100 2040 Oct 8 13:31 1997 11/av_eoir_status
rw-r--r-- 1000/100 936 Oct 8 13:31 1997 11/av_fuel_status
rw-r--r-- 1000/100 1128 Oct 8 13:31 1997 11/av_ins_status
rw-r--r-- 1000/100 2736 Oct 8 13:31 1997 11/av_position_status
rwxr-xr-x 0/1 0 Oct 24 22:45 1997 12/
rw-r--r-- 0/1 2040 Oct 24 22:45 1997 12/av_eoir_status
rw-r--r-- 0/1 936 Oct 24 22:45 1997 12/av_fuel_status
rw-r--r-- 0/1 1128 Oct 24 22:45 1997 12/av_ins_status
rw-r--r-- 0/1 2736 Oct 24 22:45 1997 12/av_position_status
rwxr-xr-x 1000/100 0 Oct 9 09:31 1997 21/
rw-r--r-- 1000/100 1916 Oct 8 13:31 1997 21/av_eoir_status
rw-r--r-- 1000/100 736 Oct 8 13:31 1997 21/av_fuel_status
rw-r--r-- 1000/100 1932 Oct 8 13:31 1997 21/av_ins_status
rw-r--r-- 1000/100 2296 Oct 8 13:31 1997 21/av_position_status
rwxr-xr-x 0/1 0 Oct 24 22:45 1997 22/
rw-r--r-- 0/1 1916 Oct 24 22:45 1997 22/av_eoir_status
rw-r--r-- 0/1 736 Oct 24 22:45 1997 22/av_fuel_status
rw-r--r-- 0/1 1932 Oct 24 22:45 1997 22/av_ins_status
rw-r--r-- 0/1 2296 Oct 24 22:45 1997 22/av_position_status
rwxr-xr-x 1000/100 0 Oct 9 09:31 1997 system/
rw-r--r-- 1000/100 3936 Oct 6 13:38 1997 system/mission_list
rw-r--r-- 1000/100 712 Oct 6 13:38 1997 system/upload_notification
rw-r--r-- 1000/100 903 Oct 22 13:44 1997 mpes.config
```

Fifth tar file:

```
rwxrwxr-x 0/3 0 Oct 22 09:45 1997 lib/
rw-r--r-- 0/1 2684928 Oct 22 09:45 1997 lib/tcs_lib_hp.tar
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libUtil.a symbolic link to libUtil1.0.a
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libUtil.sl symbolic link to libUtil1.0.sl
rw-r--r-- 0/3 223600 Jul 21 12:57 1997 lib/libUtil1.0.a
rwxr-xr-x 0/3 149240 Jul 21 12:57 1997 lib/libUtil1.0.sl
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libds.a symbolic link to libds3.0.1.a
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libds.sl symbolic link to libds3.0.1.sl
rw-r--r-- 0/3 556788 Aug 25 11:29 1997 lib/libds3.0.1.a
rwxr-xr-x 0/3 289612 Aug 25 11:29 1997 lib/libds3.0.1.sl
```

```
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libgio.a symbolic link to libgio1.0.a
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libgio.sl symbolic link to libgio1.0.sl
rw-r--r-- 0/3 314946 Jul 21 12:59 1997 lib/libgio1.0.a
rwxr-xr-x 0/3 164348 Jul 21 12:59 1997 lib/libgio1.0.sl
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/librade.a symbolic link to librade2.0.0.a
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/librade.sl symbolic link to librade2.0.0.sl
rw-r--r-- 0/3 233230 Aug 21 06:17 1997 lib/librade2.0.0.a
rwxr-xr-x 0/3 180772 Aug 21 06:17 1997 lib/librade2.0.0.sl
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libmisc.a symbolic link to libmisc1.0.a
rwxrwxr-x 0/3 0 Oct 13 10:48 1997 lib/libmisc.sl symbolic link to libmisc1.0.sl
rw-r--r-- 0/3 156744 Jul 16 12:25 1997 lib/libmisc1.0.a
rwxr-xr-x 0/3 133140 Jul 16 12:25 1997 lib/libmisc1.0.sl
rw-r--r-- 0/3 2280 Aug 19 13:02 1997 lib/ada_stubs.o
rw-r--r-- 1000/100 128616 Oct 20 17:20 1997 lib/libpcp1.1.3.a
rwxr-xr-x 1000/100 133964 Oct 20 17:20 1997 lib/libpcp1.1.3.sl
rwxrwxrwx 1000/100 0 Oct 20 22:21 1997 lib/libpcp.a symbolic link to libpcp1.1.3.a
rwxrwxrwx 1000/100 0 Oct 20 22:21 1997 lib/libpcp.sl symbolic link to libpcp1.1.3.sl
rwxrwxr-x 0/3 0 Oct 22 09:50 1997 include/
rw-r--r-- 0/1 200 Sep 23 13:56 1997 include/ansi_decls.h
rw-r--r-- 0/1 6278 Sep 23 13:56 1997 include/ds_admin.h
rw-r--r-- 0/1 38758 Sep 23 13:56 1997 include/ds_api.h
rw-r--r-- 0/1 355 Sep 23 13:56 1997 include/if_addr.h
rw-r--r-- 0/1 29557 Sep 23 13:56 1997 include/interface.h
rw-r--r-- 0/1 8598 Sep 23 13:56 1997 include/interface_error.h
rw-r--r-- 0/1 18342 Sep 23 13:56 1997 include/rade.h
rw-r--r-- 0/1 108032 Oct 22 09:47 1997 include/tcs_include.tar
```

## 6.0 LIST OF KNOWN PROBLEMS (VERSION 0.1)

Item	Date Found	Function/Feature	Problem Description
1.	9/30/97	Save Temp File	After a Planner crash and subsequent GUI startup and File->Open Route, a message is displayed that "local saves are available" even though the route was not loaded or had not been temporarily saved prior to the crash.  --- Temporary Saves are retained (Sun, v0.1 build 23 Oct 1997 00:07) after the Planner is exited. Someday the disk will reach capacity with all of these extraneous files. SBA 10/23
2.	10/8/97	Import Segment	A SAR only mission will accept for Import, an EO/IR segment, however, the mission remains as SAR after the import (instead of being updated to SAR and Skyball)
3.	10/12/97	Edit Target	Target ID field turns red: Added a target, closed the dialog, then edited the same target to change the Comment field. After selecting the Apply button the Target ID field turned red, no message was displayed. Selected Apply again and the Target ID field cleared (no red). HP DII/COE system.
4.	10/12/97	Flight Sim	After more than 4 minutes, executing Flight Sim, the router returned with a Router Status dialog stating "Control time point was deleted during routing" Control Time is not a user selectable Mission Planner function - thus it is confusing to the user to see this message
5.	10/15/97	Export Segment	There is no confirmation check if you try to overwrite a segment or route.
6.	10/15/97	Route point graphical displays	Route points are sometimes not highlighted in white even when they are circled and have a number by them. In this case they are still the designated (selected) point. E.g. They are white after exiting the edit dialog through cancel or close. They are not white after being moved (via mouse) or exiting the edit dialog through OK.
7.	10/15/97	Route point graphical displays	If a route point of route A is highlighted (circle, number, and colored white) and route B becomes the active route (by using select route or by creating a new route) then route A becomes an inactive color (like it is supposed to), but the previously highlighted point of route A is still highlighted.
8.	10/16/97	Edit GDT Edit Target	When a Target or DGT is edited and the ID is changed, the Apply button will actually change the ID, without any confirmation dialog. The Add button will create a new item.
9.	10/17/97	Validity Checks	Validity Checks indicate "Route corridor does not clear terrain by minimum" but the Flight Profile and Route Data show plenty of clearance. Router problem: may be too sensitive to terrain.
10.	10/18/97	Attach Footprint	When zoomed in very close on a route and then try to attach a footprint (not sensor), the JMTK process aborts causing the Planner to exit. This appears to be related to the Mdraw Polygon () call with a large number of polygon points.
11.	10/20/97	File OPs	Route names are a maximum of 18 characters, but the Filename Error dialog states "... must be less than 18 characters."

<b>Item</b>	<b>Date Found</b>	<b>Function/Feature</b>	<b>Problem Description</b>
12.	10/20/97	Edit Air Vehicle	After several edits and after a rejected entry is replaced by its previous value and another field is highlighted for editing, the entry is placed in the previous field. Could not reproduce at will.
13.	10/20/97	Router	Router inserted points should use same default values as when a route node is created. (e.g., loiter pattern fields)
14.	10/21/97	Router	On completion of LO routing a blank Session Report Dialog is displayed. (HP version 0.1 built 10/21/97 @ 12:54:40)
15.	10/21/97	Reports	Since the Launch/Recovery base IDs are not saved with the route, the Flight report displays “**” (asterisks) for Launch Base and Landing Base . Flight report date: year is displayed as “**” (instead of “97”).
16.	10/22/97	Router	The Router issued a message in Load RDS Error Dialog “Error reading route Data Common line 2. Exit application and check RDS file.” At the same time, a message in Router/FVS Status “Unable to load a new route segment”. Could not duplicate.
17.	10/22/97	Look Envelope	Default values for Look Envelope aren’t displayed the first time you open the edit dialog for each point. After closing and opening again, they appear.
18.	10/22/97	Router	On a steep climb the router has inserted high speeds, e.g., 480 knots. Could not duplicate.
19.	10/22/97	Terrain Profile	When the JMTK map is at world view, and you select Terrain profile, you cannot drag a line to get profile and you are locked in that particular state (i.e., the file menu, etc., is ghosted). If you then zoom in far enough you are allowed to drag a line, and the terrain profile works fine. This appears to be a JMTK limitation.
20.	10/22/97	Router	Flight Sim of about 25 points produces an error message dialog stating “...UNABLE TO LINK NEW ROUTE...” Could not duplicate.
21.	10/23/97	Edit GDT	Try to add a duplicate GDT, the GDT ID remains red until a subsequent valid Add or Apply is done. (build: 10/23/97@00:07:53 ulap01)
22.	10/23/97	Flight Profile	While moving the cursor along a North-South flight path where the Lon should remain constant the value displayed jumped repeatedly between 117°W and 63°E.
23.	10/23/97	File OPs	Save Route As will accept “strange” characters, i.e., “**&%\$#@!”, as a route name. However, this route cannot be deleted using the Delete Route function.
24.	10/23/97	Select Route Show Route	Occasionally the Select Route pullright menu does not reflect the route actually selected.
25.	10/23/97	Edit Mission Parameters	The Edit Mission Parameters dialog AV Type button displayed “outrider”, while the payload selection frame displayed “Predator Payload. Could not duplicate.

<b>Item</b>	<b>Date Found</b>	<b>Function/Feature</b>	<b>Problem Description</b>
26.	10/23/97	Edit Air Vehicle	<p>Enhancements, (internal consistency):          Accepts Max weight &lt; Empty weight.          Accepts Stores weight &gt; Max weight.          Accepts Bingo Fuel &gt; Max weight.          Although Default Altitude cannot be set greater than Max, after Default is set Max can be set below Default.          Accepts Terrain. Clear &gt; Max or Default Altitudes          Accepts Min Speed &gt; Max Speed          There are some internal speed checks, but if Default Speed is set first, then Min and Max Speeds can be set so Default is out of range.          Although Default Bank Angle must be less than Max, once Default is set Max can be set below Default.</p>
27.	10/24/97	Edit Waypoint	Comment (optional) partially obscures auto pilot "indicated" button.
28.	10/24/97	Edit MP and edit point (image pt.)	The first time in a Planner session the Reserve Fuel and Zoom Setting fields have gray backgrounds, subsequently (selecting OK on each dialog) they are white.
29.	10/24/97	Restore Temp file	Open a route, select Restore Temp file, a dialog with no choices is displayed (since there are no temp saves), press OK, and a message indicating ROUTENAME.-1 could not be opened is displayed.
30.	10/24/97	No Datalink Coverage	The No Datalink Coverage goes astray. This happened on an outrider mission, at the endpoint of a long turn arc segment (179 deg. )
31.	10/26/97	Route Display	After an undetermined sequence of route planning operations, the waypoint number is no longer displayed. This has happened twice on the SUN. On one of the occasions, Chart appeared to enter an endless loop.
32.	10/14/97	Loiter Graphic	Loiter Graphics are incorrect when the loiter heading is zero. (Both the hexagon and figure-8 are drawn with extraneous lines). This is a JMTK's anomaly.
33.	10/26/97	Attach Footprint	The Planner enters an infinite loop when the animated (forward moving only) footprint reaches the end of the route. HP only.
34.	10/27/97	Route Evaluator	The Route Evaluator does not load the new route structures and is unable to generate a report.
35.	10/27/97	Terrain Masks	Generated terrain masks are not displayed until their settings change, e.g., a change in altitude.
36.	10/27/97	Route Symbols	Route symbols need to be larger so they can be seen over the route.

## 7.0 LIST OF UAV TCS MP LIMITATIONS

1. Air Vehicle Performance Editor requires that altitude/speed/weight bands be the same for all the ascent, descent and fuel rate tables.
2. Save As and Delete do not ask for confirmation before proceeding. The file is overwritten or deleted immediately.
3. Arc mode flight for the Outrider is not supported by the autorouter. After running the autorouter over Outrider arc segments, editing one of the points will restore the arc data. No Datalink Coverage on extremely long arc segment sometimes results in extraneous graphic (shaded line).
4. Zooming in on the JMTK window too close when footprint follow route is running causes a JMTK crash. (This appears to be a JMTK problem.)
5. There is no protection in the code for multiple users. More than one person can be writing files (routes, databases) at a time.
6. There is limited notification that a function is “working”. The pointer should change to a wait cursor during these functions.
7. Co-located points (points at the same location) are difficult to select. Currently the last point drawn at the location is the one that can be selected with the pointer.
8. The mission planner software attempts to determine what functions should not be run at the same time and desensitizes any functions that have conflicts. This function is not as intelligent as it should be. There are still some cases when attempting to run two or more functions at once can produce undesirable results. There are also some cases when functions are not made available when they should be. For example, if a route is built from scratch, with no other routes loaded, functions that should be available are not until an existing route is loaded.
9. Flight Sim generates routes that are minimum distance and minimum fuel. Therefore, this functions as the Route Optimize function.
10. Some of the original AFAS Additions dialogs are still used. These dialogs look different from the new dialogs. These old dialogs should be replaced.
11. Currently only compressed DTED is supported. Future version should support raw Level 1 DTED as well.
12. The Planner appears to enter an endless loop when the animated (forward moving only) footprint reaches the end of the route. This occurs on the HP only.